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DRUG & CHEMICAL MARKETS

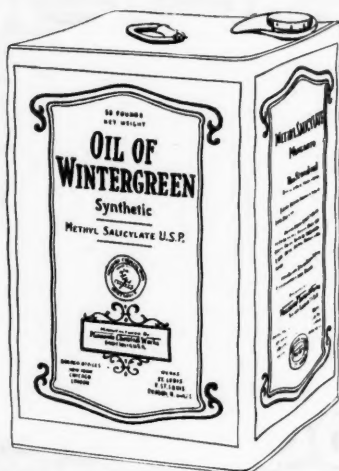
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A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

VOL. XVIII

NEW YORK, APRIL 1, 1926

No 13



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DRUG & CHEMICAL MARKETS

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DRUG MARKETS

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The Business Paper for Manufacturers of
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VOL. XVI, No. 1

Published Alternate Months by
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CHEMICAL MARKETS

Established 1914

The Weekly Business Periodical of the
Chemical Process Industries

VOL. XIX No. 1

Published Every Thursday by
Drug & Chemical Markets, Inc.

TO KEEP pace with the growth of the Chemical and Drug Industries: Beginning with the May issue, DRUG & CHEMICAL MARKETS will be published as two separate and distinct publications, each devoted exclusively to the industries they serve.

Turn this page for complete information!

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Established 1914

The Business Paper of Manufacturers of
Pharmaceutical, Proprietary, Toilet & Flavoring Preparations

VOL. XIX No. 1

Published Alternate Tuesdays by
Drug & Chemical Markets, Inc.

MAY 4, 1926

DRUG MARKETS will serve a growing field that has today no national independent business paper. The interests of our manufacturing drug trade, makers of fine chemicals and pharmaceuticals, of household and proprietary remedies, of perfumes, cosmetics, toilet goods and flavoring extracts, are quite distinct from those of the chemical industries.

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— Our drug manufacturing industries, whose sales have increased from one hundred and three to two hundred and sixty-four millions of dollars in the past ten years, are vital to public health. Their products bulk large in the retail distribution of the nation. They need a prompt and reliable medium for news; an accurate, disinterested recorder of their raw material markets; a forum for the frank discussion of pressing business problems; an independent, courageous champion of their sound business interests. **DRUG MARKETS** will be such a paper.

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The Business Paper of the
Chemical and the Chemical Process Industries

VOL. XIX No. 1

Published Every Thursday by
Drug & Chemical Markets, Inc.

MAY 13, 1926

CHEMICAL MARKETS will be the business paper of industrial chemistry. In a more definite and complete way than was possible in its predecessor, it will present the vital facts and figures of commercial chemistry to the office executive, to the operating executive, to the industrial chemist in university, laboratory, and plant.

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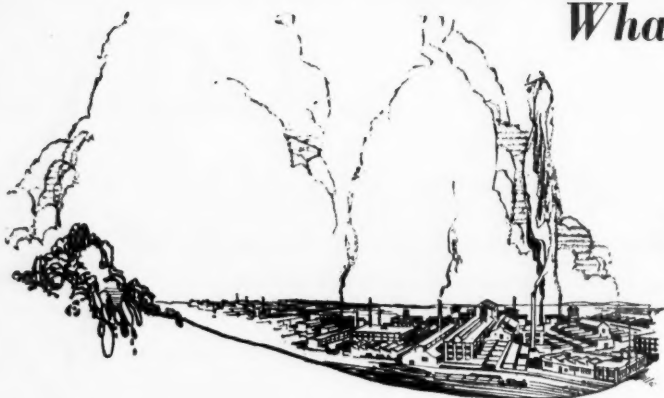
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DRUG & CHEMICAL MARKETS

VOL XVIII

NEW YORK, APRIL 1, 1926

No 13

Without Speculation

WALL STREET prices have so long been held up as an infallible sort of business barometer that the recent debacle of the securities market has naturally caused considerable concern. But the forecasts of Wall Street have seldom been extremely accurate and, at best, they are only one of many indicators. Those same business prophets who watch the Wall Street signs have a pet theory that, while securities forecast coming conditions, the real estate market lags behind general business activity. It is not easy, at the present moment, to reconcile these two indicators.

AS a matter of hard fact, putting aside all theories of business cycles for the moment, the speculation which we all know has been rife in stocks and in land has had one very direct effect apt to be overlooked in our search for hidden meanings in these booms. Both have proven an outlet for our speculative energies. In this way, at least, they have really served the country's business.

FOR the past three months, industrial leaders have been sounding warnings against inflation. Insofar as our chemical industries are concerned, these warnings were quite superfluous. Like practically every industry which is producing industrial raw materials, our chemical manufacturers are beset less by the problems of over-inflation than they are by the difficulties of contracting a production expanded during the war period to a point far beyond our normal needs. Such an adjustment is extremely difficult because of

characteristics largely peculiar to our chemical manufacturing processes. In the first place, the consumption of chemicals cannot be materially increased by the manufacturer who is unable to expand his market except indirectly as the consuming industries themselves extend their activities. Secondly, in many chemical processes it is actually more expensive to curtail production or shut down a plant than it is to keep on manufacturing while selling at an actual loss per unit of material disposed of. Thirdly, there are wide differences of manufacturing costs within the industry which enable certain manufacturers of some products to set a ruinous price pace for some of their competitors. Fourthly, most chemicals are produced in plants where many products are made and no profit in some items, may be offset by other sales which keep the plant going. The direct action of supply and demand, which if it were acting more directly in our chemical industry, would have curtailed production by shutting down a considerable portion of our manufacturing capacity, is in these ways so deflected that the readjustment is longer and more painful.

AAGAINST the signs and omens of Wall Street and Florida may be set the plain fact that from the shelf of the retailer to the warehouse of the fabricating manufacturer, there exist throughout the country small stocks of goods. Employment, carloadings, bank clearings, the annual statements of our manufacturing and merchandising corporations—all indicate that business is being carried on without speculation and that the business foundation is certainly more sound than it has been at any time since 1918.

THE MONTH'S PRICE TRENDS

The new price charts published in this issue but illustrate afresh the fact that the chemical industry is becoming more and more stabilized and shows fewer and fewer price fluctuations in itself. Most of the changes indicated can be attributed to natural materials entering into the products rather than to any of the chemical substances themselves. The upward turn noted in the prices of industrial chemicals, is due to the higher prices of tin and barium salts, both metals whose costs are determined by their supply and demand, and in no way by chemical processes. The downward turn in the fine chemicals is also due principally to a metallic substance, bismuth, and to another natural material, menthol, and cannot be attributed to changes in the chemical industry. The coal-tar crudes and intermediates show such little change in the week by week fluctuations that no appreciable tendency can be noted on the chart.

The other groups are distinctly natural products and depend on crop conditions and other natural sources for their supply, and hence fluctuate almost daily. The fatty oils have shown a general downward trend due to an unusually large flaxseed crop and to the fact that importers overestimated the needs of the country, and are now oversupplied. Crude drugs have shown normal fluctuations both upward and downward for the general run, but the rapid advance in the price of ergot has brought the average higher. The same conditions pertain in the essential oil market where the approach of the new crop season, even though it is not yet very near, has had a depressing effect. This has been particularly true of peppermint with a number of other oils showing lower price tendencies.

The report of the House Committee on Foreign Commerce regarding monopolies of products essential to American industries has developed nothing new, but the report emphasizes the point that the commodities mentioned are little used in the countries of origin compared with the demand in the United States and that the monopolies depend largely on limitation of exports by the Governments interested which impose export taxes, thus inviting reciprocal tariff action.

The products named in the report are iodine, potash, nitrate, camphor, sisal, coffee, rubber, silk, and cotton. It seems very likely that most of these can be raised or made synthetically in America, and will call for only political buncombe at election time, and that the report will not result in any Congressional legislation at this time.

The death of Franz Roessler takes from the chemical industry a man who spent his entire life in building up a reputation for his firm's products that will never die. He was still active in manufacturing at the age of seventy.

The enemies of chemical research may find an argument for their opposition in the news in Friday's papers that a student, after studying a book

on chemistry all day, threw a flatiron at his mother.

Ten Years Ago

(From "Drug & Chemical Markets," March 29, 1916).

Notwithstanding the sudden drop in quicksilver to \$200 a flask, two prominent California mine owners are holding their outputs at \$230 to \$250 a flask.

Spot supplies in essential oils are diminishing daily and dealers and importers are experiencing great difficulty in replenishing their stock.

The Chicago warehouses of E. R. Squibb & Sons were entered some time between Saturday afternoon, March 18 and the following Monday by thieves, who got away with \$1,000 worth of morphine, cocaine and other narcotics.

Stocks of the American chemical companies are attracting much attention on Wall Street. Many of these plants are enlarging their capacity or have already done so.

The new plant of Grasselli Chemical Co. of Terre Haute, Ind., is expected to be completed within the year.

The annual election of officers of the New York section of the Society of Chemical Industry, held March 24, resulted as follows: Jerome Alexander, chairman, to succeed Wm. M. Grosvenor; F. C. R. Hemingway, re-elected treasurer; Parker C. McIlheny, re-elected secretary.

Demand for glycerin for the manufacture of explosives has made that article the primary product and soap is now becoming a by-product.

Representatives from every branch of trade affected by the present scarcity of dyes at a two-days conference in New York last week decided upon methods to extend the production of American dyes, urge legislation to prevent dumping after the war, and fight for a higher tariff to protect the domestic industry.

The revised edition of the U. S. Pharmacopoeia which is now in preparation will make use of the metric system exclusively in its weights and measures.

TOO SOUND TO BE UPROOTED



—Brooklyn Daily Eagle.

Chinawood Oil at a Low Point

Heavy Liquidation has Forced Prices to Lowest Point Since 1921, but Opinion Differs as to the Basic Causes

WITHIN the past ten days the market for Chinawood oil in this country has become completely disorganized. Prices have sagged to the lowest point reached since the full effects of the post-war industrial crash were felt in 1921. Factors express varied opinions, but most of them state that a recovery is likely as soon as the forced liquidation is over. They state that the position in the Orient is firm and unchanged. Some factors on the other hand express the view that prices will go still lower, and predict that the primary markets will weaken, if in fact they have not already done so.

The primary cause of the present condition is most probably over-estimation of consumption in this country by importers. Stocks on hand and bought ahead are exceedingly large and demand has not increased in proportion. Liquidation, forced by the banks, is doubtless causing the present depression. Whether or not the varnish industry is consuming less oil than at this time a year ago cannot be accurately stated, although some factors indicate that such is the case. They further claim that the lacquer industry is making its first serious inroads on the varnish industry, and that it will cause much greater concern among Chinawood oil importers, as well as among varnish makers, in the near future.

Imports Have Advanced Sharply

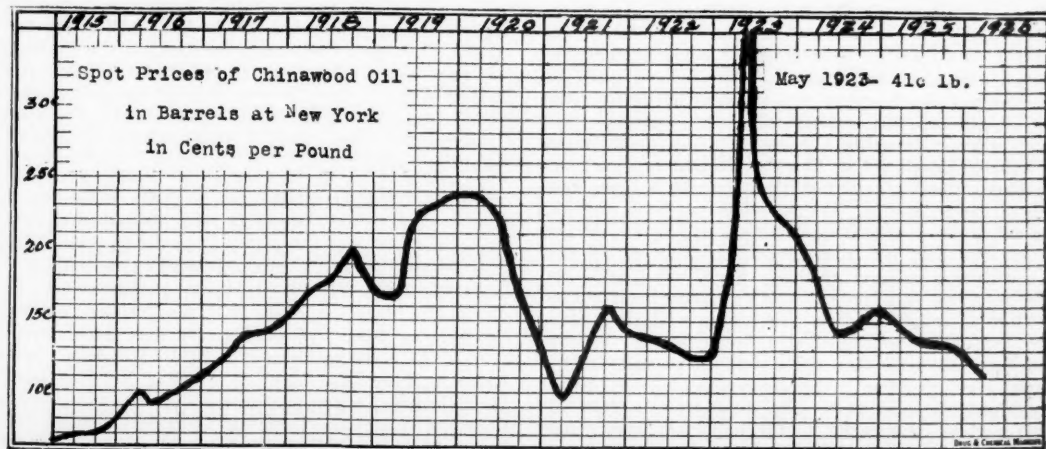
A study of the quantities imported for the last several years reveals many interesting facts. In 1913 44,974,995 lbs. were brought into this country. In 1918 the total imports were 42,718,132 lbs., and then the total increased steadily throughout succeeding years, until in 1920, imports totaled 67,962,150 lbs. In 1921, when the general reaction was felt after the post-war boom, im-

ports dropped very sharply to 27,248,887 lbs. A sharp recovery was recorded in 1922 and the imports for that year exceeded those of any previous year, totaling 79,089,292 lbs. Imports have since increased steadily, and in 1924 reached a total of 81,587,854 lbs., while in 1925 they went over the one hundred million mark for the first time, reaching a total of 101,553,519 lbs. Imports in January 1926 amounted to 11,111,773 lbs., indicating a still further increase in the total for this year if the rate of receipts is maintained. In view of present conditions, however, it appears quite probable that imports for the succeeding months will decline.

Chinawood has had many wide price fluctuations in the past, but prices have never broken so completely in a period of heavy consumption as they have at the present time. Imports last year were in excess of any previous year. Have the importers merely over-estimated the potential consumption for the current year, or are lacquers having an effect upon the consumption of varnish?

The price history of wood oil has been one of rather wide fluctuations. Since 1915, when the price in barrels was 6½¢ per lb., the price advanced steadily, with a slight reaction in 1916, to a peak of 20¢ per lb. in September 1918. Prices then declined gradually, until a low point of 16¾¢ lb. was reached during the first part of 1919. A climb of 24¾¢ per lb. then occurred, and this price was maintained throughout the first quarter of 1920. With the industrial crash that came in the middle of 1920, prices broke sharply and reached bottom at 9½¢ per lb. in the fore-part of 1921. Prices recovered somewhat during the second and third quarters of 1921, and then receded slightly throughout 1922. In 1923 the highest price ever recorded prevailed at 41¢ per lb. This price was due to a temporary shortage and was in effect for only a month.

The prices that will be paid for oil during the balance of the current year will depend first and foremost on how much oil importers are forced to offer in the open market, and this will be determined by the amount of oil importers have committed themselves for in China,



and the consumption. If the case is as stated by some factors, namely, that consumers have not only ceased buying spot oil, but are refusing to take their contract commitments, then the situation may be more critical than is generally supposed. If the varnish industry has actually suffered a reduction in its total business, and if importers here are committed to import more oil than ever during 1926, the market is truly weak, and doubtless will continue in a weak state for a long time to come. But if on the other hand, the varnish industry is proceeding at a normal rate, and consumers have simply bought oil ahead at what they considered a low price, then they may be expected to reappear in the market shortly, and the weakness will exist only until weak holders have unloaded their burdensome stocks.

Maximum Consumption in 1925

While 1925 was the year of maximum varnish production in this country, and more wood oil was consumed than ever before, still prices declined throughout the year. Here again the importers' ideas of how much varnish would be manufactured was far in excess of the actual figures. The prices in China for a number of years back have been higher than the prices quoted in this country, and apparently do not mean very much as the market in this country is always independent of the Oriental market. This is due to the United States being by far the greatest consumer of wood oil. Of the total exports from China, approximately 85 per cent comes into this country, the remaining 15 per cent being sufficient to cover the requirements of Germany, Spain, and the United Kingdom, which are the three next largest consumers. With such a large percentage of the total oil produced finding its way here, it is no wonder that the market is established here.

It is not unusual to have an Oriental market above a spot or shipment market in this country, and such a condition merely indicates the peculiar business methods which are pursued there. When sufficient oil is sold to importers in the various consuming countries, the Chinese strengthen in their prices, even though the oil sold has not been sold to the ultimate consumers, or in many cases not even delivered to the importers. It is claimed that it is possible to buy a smaller quantity of oil in China for a lower price than would have to be paid for a large quantity. This is in direct contrast to the methods of doing business in this country.

Although it is 53 years since the introduction of wood oil, China is still our primary and practically our only source of supply. It is true that oil is also produced in Japan, but the amount is quite small and is mostly taken up by domestic consumption.

Domestic Oil Being Produced

Due to the fact that this country is absolutely dependent on China for its supplies of wood oil, and because of the fact that political disturbances, such as are frequent there, cause serious interruptions in the flow of oil into this country, and also because of the many other undesirable features of a monopoly, wood oil is being developed in Florida. Recent reports from Washington indicate that marked success is being met with in the enterprise. It is pointed out, however, that it is not anticipated that domestic oil will by any means replace the supplies from China, but that production here will merely have a salutary moral effect upon the Chinese. Two thousand acres of trees have been planted in Florida, and they have now begun to bear. Seedlings will be furnished to the farmers, and the corporation responsible for the development will erect a central crushing plant. The corporation is composed of large domestic consumers. The quality of the domestic oil is said to be superior to the imported product and is expected to command a premium price.

WHO'S WHO - in the Chemical Industry

Robert W. Cornelison, Manager Peerless Color Co., 535 North ave., Plainfield, N. J. Born: Illinois 1869. Mar.: Peoria, Ill., 1906. Educat.: S. B. Univ. of Illinois 1890, Sc. D. Harvard 1893. Business: Previous to World War Textile Chemist. After 1914 Manufacturer of Dyes. Member: Chem. Club, (N. Y.), Amer. Chem. Soc., Soc. Chem. Ind. Hobby: Recreation largely amateur mechanical work.

Richard V. Mattison, pres., Keasby & Mattison Co., Ambler, Pa. Born: Solebury Township, Pa., Nov. 17, 1851. Mar.: 1st, Esther Dafter, Cranbury, N. J., June 7, 1874; 2nd, Mrs. M. E. Seger, Ambler, Pa., Apr. 27, 1920. Educat.: Phila. College Pharmacy, Ph. G., 1873, Univ. of Pa., M. D., 1879. Business: President of Keasby & Mattison Co., Ambler Asbestos Co., Bell Asbestos Mines (Canada), Asbestos Shingle, Slate & Sheathing Co., First Nat. Bank, Ambler Spring Water Co., Upper Dublin Water Co., ex-pres, Phila. Drug Exchange. Member: Country Club, Union League. Hobbies: Landscape gardening, horticulture.

Nathaniel Leonard Shepard, chief chemist, American Bauxite Co., Bauxite, Arkansas. Born: Houston, Texas, May 13, 1898. Mar.: Flora Dell Dipton, Little Rock, Ark., Junq 15, 1925 (now separated). Educat.: Bach. Chem. Eng. Univ. of Ark. 1922, Graduate Study, Univ. of Ark. 1922-23. Business: Car Checker, Ray Consolidated 1923, Asst. to Chief Chemist American Bauxite Co. 1924, Chief Chemist, Jan. 1, 1925 to date. Member: Amer. Chem. Soc., Amer. Assn. Adv. Sci., Tau Beta Pi, Little Rock Science Club, Bauxite-Benton Rotary Club. Hobbies: Petrography and photography.

Alfred Charles Stepan, Resident Manager, Roessler & Hasslacher Chemical Co., Chicago. Born London, England, Dec. 14, 1880. Mar.: Charlotte Evelyn Corbett, New York, Oct. 4, 1905. Educat.: B. S. Cooper Union 1907, C. E. Polytech. Inst., Brooklyn, 1909; E. E. Cooper Union 1913 (for actual experience in competent design & construction). Business: Started as office boy with R. & H., 1895, resigned 1905 to complete formal education. Instructor Mathematics, Cooper Union, 1910-1913. Resumed connection with R. & H. Oct. 1, 1913, technical sales work, then placed in charge of General Sales Dept., February 1916. Transferred to Chicago as manager, March 1, 1917. Assisted Liberty Loan Drives, 1917-18-19. In charge for Drug & Chem. Trades for one year. Member: Clubs—Rotary, Ills., Ath., Detroit Ath., Skokie Country; Chgo Assn. Commerce, Chgo Drug & Chem. Assn. (pres. 1923), Birchwood Country Club (pres. 1922 & 1923). Hobbies: industrial chemistry, golf, music.

William Seward Weeks, secy. Calco Chemical Co. Born: Lyons, N. Y. Mar.: Mary L. Sweeting, Sept. 12, 1905, Lyons, N. Y. Educat.: Lyons Public School 1892-1900, West Point (U. S. Military Acad.) 1901-1905; B. Sc. West Va. Univ. 1910-1912 L. L. B. Business: Asst. Sec. Calco Chemical Co., 1920-1922, Sec. Calco Chemical Co. 1923 to date. All grades from 2nd Lieutenant to Colonel, U. S. Army from 1905-1920. Member: Clubs—Army & Navy (Washington), Raritan Valley Country, Middlebrook Country; Sigma Chi, Mason. Member Board of Governors Synthetic Organic Chemical Mfrs. Assn. Hobbies: Golf and unprofitable games of chance.

UNION CARBIDE EARNS \$7.53 A SHARE

NEW LOWS FOR CHEMICAL STOCKS

Davison Chemical Co. stockholders have approved a plan to increase the capital stock from 235,000 to 400,000 shares of authorized capital stock. None of the stock will be issued at present.

FOREIGN EXCHANGE		Par	Current
Great Britain (pound sterling).....	\$	4.866	4.86
France (franc) .....		.193	.034
Italy (lira) .....		.193	.042
Belgium (franc) .....		.198	.040
Czechoslovakia (crown) per hundred		20.30	2.96
Denmark (krone) .....		.268	.262
Germany (mark) .....		.238	.238
Holland (florin) .....		.402	.401
Poland (zloty) .....		.193	.130
Norway (krone) .....		.258	.215
Spain (peseta) .....		.193	.141
Sweden (krone) .....		.268	.268
Switzerland (franc) .....		.193	.192
Argentina (peso) .....		.424	.396
Brazil (milreis) .....		.324	.143
Japan (yen) .....		.499	.457
India (rupee) .....		.485	.364
China (silver dollar, Hongkong) .....		.789	.564
(Tael—Shanghai, silver)		1.986	.725
(Tael—Peking, silver)		1.146	.760

Surplus account for Dec. 31, 1925 shows a profit and loss surplus of \$52,851,320. Cash assets are reported as \$12,444,838; notes and accounts receivable, \$18,829,470; inventories, \$28,916,795; land, buildings, machinery, equipment and real estate leaseholds, \$158,553,543; investments, \$2,852,079; deferred charges, \$1,501,256; patents, etc., \$1; total assets \$223,097,982.

Procter & Gamble, 8% preferred, has paid an extra dividend of 2%.

Closing Prices For Week Ending Mar. 27, 1926					
	Bid	Asked		Bid	Asked
*Air Reduction	112 1/2	113 3/4	Hercules Powder	149	154
*Allied Chem & D	117 1/2	117 3/4	Hercules Powd. pf	113	116
*Am Ag Chem	23	24 1/4	Hercules Chem	3 1/4	3 1/2
*Am Ag Chl pf	73 1/4	74	Hooker Electro	20	27
*Am Chicle	40	40 1/2	Hooker Electro, pf	70	72
*Am Chicle pf pf	90	92 1/4	*Household Prod	41	41 1/2
*Am Cyan A	41	46	*Int Agricul	16 1/2	17 1/4
*Am Cyan B	39	43	*Int Agricul pf	93	94 1/2
*Am Druggist S	5	5 1/2	*Int Nickel	34 1/2	35
*Am Glue	47	50	*Int Nickel pf	35 1/2	36
*Am Glue pf	108	109	*Int Salt	86	90
*Am Linsed	35	36	Lehn & Fink Prod Co.	33 1/2	34 1/2
*Am Linsed pf	80	81 1/2	*Mathieson Alk	76	78 1/2
*Am Metal	50 1/2	51	*Mathieson Alk pf	100	—
*Am Metal pf	115	8	MacAnd & Forbes new	42	44
*Am Zinc	31	32	MacAnd & Forbes pf	101 1/2	103
*Am Zinc pf	31	32	Marric & Co	57	59
Anglo-Chilean Nitrate Corp	23	25	Merriman	84	86
*Archer Dan Mid	38 1/2	39	Mulford Co	80	83
*Archer Dan Mid pf	100	102	*National Lead	147 1/2	149 1/2
*Atlas Powder	53 1/2	56	*National Lead pf	116 1/2	117
*Atlas Powder pf	93 1/2	95 1/2	Nlag. A., pf	80	85
By Prod Co	46	49	N. J. Zinc	203	206
By Prod Co. pf	102	105	Park, Davis & Co.	114	—
Calco Chem Co	20	40	Penn Salt	71	—
Canad Ind., /I	16 1/2	—	*Peoples Gas Chl	118 1/2	119 1/2
Canad Salt	105	115	Procter & Gamble	145	150
Caseln Co	150	160	Procter & Gam, pf	156	158 1/2
Celluloid Co	18	22	Royal Bkg Powd	185	193
Celluloid Co pf	58	62	Royal Bkg Powd pf	101 1/2	103
*Certain-lead Prod	41 1/2	42 1/2	Shawinigan	170	—
Charcoal Iron	68 1/2	69	Sherwin-Will list pf	106	110
Chs Mfg. Co	113	—	Silica Gel	20	—
Chs Mfg. pf	113	—	Squibb & Sons	45	—
Clark Co., Fred	2 1/4	4	Squibb & Sons pf	120	—
Clare Cliff Iron	70	75	*Sterling Prod	77	77 1/2
*Clem Solv A	129	133	Swan & Finch	19 1/2	21
Do B	126	130	Swan & Finch pf	20	80
*Corn Products	37 1/2	38	*Tenn C & Chem	12 1/2	12 1/2
*Corn Products pf	124	126	*Tex Gulf Sul	129	129 1/2
*Davison Chem	30 1/2	31	Union Carbide	80	80 1/2
*Davison Chem pf	48 1/4	43 1/2	*Un Drug	141	143 1/2
Dow Chl. pf	98	102	*Un Drug lat pf	56	57
Dow Drug Co.	140	—	*Un Dye wood	10	10
Dow Drug Co., pf	105	108	*Un Dye wood pf	59	59
*Du Pont Deb	102	102 1/2	Un Gas Imp	128	132 1/2
*Du Pont & Nem	204	205	*Un Gas Imp, pf	58 1/2	—
*Eastman Kodak	113	113 1/2	U S Gypsum	154	155 1/2
*Eastman Kodak pf	113	—	*U S Indus Al	52	52 1/2
*Freeport Tr	24	24 1/2	*U S Indus Al pf	102	103
*Gen Asphalt	67 1/2	67 1/2	Va Car Ch	16 1/2	17
*Gen Asphalt pf	105	106	Va Car Ch 6% w.l.	56	56 1/2
*Gold Dust	45 1/4	46	Vlek Chem	46 1/2	47 1/2
Grassell	125	130	Will & Baumer	16 1/2	—
Grassell, pf	101	103			

*Listed on New York Stock Exchange

FRANZ ROESSLER DEAD AT 69 YEARS

Chairman of the Board, Roessler & Hasslacher Chemical Co., Dies at His Home in Perth Amboy—Came to This Country in 1882 as Manufacturing Chemist

Franz Roessler, chairman of the board of the Roessler & Hasslacher Chemical Co., New York City and Perth Amboy, N. J., died at his home in Perth Amboy on the evening of March 24. He was in his seventieth year.

Mr. Roessler was born December 6, 1856 at Frankfort-on-Main, Germany. After his common school education at Frankfort he entered the University of Zurich, and later he continued his studies at the school of mines at Freiberg, where he specialized in chemistry. Mr. Roessler came to this country in 1882, at the age of 26, and established himself as a manufacturing chemist. From this business sprang the present Roessler & Hasslacher Chemical Co., ranked as one of the leading concerns of the chemical industry. Mr. Roessler was largely instrumental through his foresight and labor, in placing the company on its present plane.

Mr. Roessler was a resident of Perth Amboy for a great many years where he was a director of the First National Bank and actively interested in the civic welfare of the city. He was also a member of the Chemists' Club, Drug & Chemical Club and the New York Athletic Club, all of New York, and a charter member of the East Jersey Club.

The funeral was held from his late residence, 89 High St., Saturday March 27. He is survived by a widow and six children.

John Borg, president of the Callahan Zinc-Lead Co., for the last six years, has resigned his office and is to be succeeded by Donald A. Callahan, May 1. Mr. Borg's retirement is coincident with the consolidation of certain administrative positions and the removal of the New York offices to Wallace, Idaho. Mr. Borg will remain as a director and member of the company's executive committee. The company reports an operating deficit of \$186,115 for 1925 as against \$191,334 for the previous year.

By-Products Coke Corp., permanent first mortgage, 5½% gold bonds, series A, due Nov. 1, 1945, are now ready for interim certificates. The net profits of this concern for the year ending Dec. 31, 1925, were \$1,200,187 as against a deficit of approximately one-half million dollars for the preceding year.

DuPont Rayon Co., has filed at Dover, Delaware, a certificate of increase in capital stock authorizing it to issue 1,350,000 shares, the stock to be divided into 100,000 shares of cumulative 8% non-voting preferred of \$100 par value per share and 1,250,000 shares of common, no par value.

Corn Products Refining Co. have declared a regular dividend of 50c on common stock and \$1.75 on preferred stock, payable April 15, to stock of record April 5.

Central Leather Co. is contemplating a plan for re-adjusting the company's capital structure. Announcement may be made within the next month.

Commercial Solvents Corp. balance sheet as of Dec. 31, 1925 shows earned surplus of \$1,415,114 as against \$757,245 for 1924.

Archer-Daniels-Midland Co. and subsidiaries report a net profit of \$746,470 for the first six months ending Feb. 28.

E. I. duPont de Nemours, preferred has paid an extra dividend of \$1.50.

New Incorporations

Georgia Portland Cement Corp. Delaware, \$5,000,000; H. M. Neil, Augusta, Ga.

Fluerist Industrie of American, Delaware; \$200,000.

American Solvents Corp., Baltimore, Md., 500 shares preferred stock of \$100 par value, and 500 shares of common stock, no par value.

Beyer & Son, Newark, N. J. dyeing, \$100,000; Abraham Henig, Jacob S. Nelkin, Samuel H. Gooen.

Chemical Equipment Mfg. Co., Paterson, N. J., \$100,000; deal in glass-lined and tin-lined acid-proof products; Traugott Tschudi, Ida Tschudi, August Gunthard, Frieda Gunthard.

Dahlia Textile Co., Newark, N. J., manufacture silks; \$25,000 in preferred stock, and 3,000 common, no par value; Anthony Delbago, Carrie D. Elnegro, Frank T. Creamer, A. Samuel Pachman, Geo. H. Somers.

Greater City Textile Corp., New York, 300 shares, \$100 each; 100 common no par value; J. T. Bassiches, A. Perlstein, W. S. Gluck.

Loomcraft Silk Corp., New York, 500 common, no par value; S. S. & E. Epstein, A. Rosenblum.

Reform Phosphate Corp., Trenton, N. J., manufacturers, 5,000 shares, no par value; J. C. Mayhew, W. H. Frichman, S. H. Schwartz.

Garose Pierce Dye Works, Paterson, N. J. \$100,000; Geo. C. Graeber; Ryan W. Rosendale, Conrad R. Graeber.

Midway Chemical Co., Wilmington, Del., chemists, \$50,000.

Ritz Perfume Co., New York; \$10,000; C. Wagner, O. Herschberg, D. J. Levowitz.

National Institute of Laboratory Technology, New York; \$5,000; A. Eisenberg, S. A. Nevins, H. Rothschild.

Douglas Patents Corp., Newark, New Jersey; rubber products, \$25,000 in preferred and 2,500 shares no par; Robert Douglas, Salvatore Tino, Frank C. Massini, Vincent Tino.

Moon Silk Mfg. Co., Summit, New Jersey; \$30,000; James Jaurro, Thomas Shanazarian, Gabriel Sednaoy.

Weitzner Silk Co., Hoboken, New Jersey; \$100,000; Nathan Weitzner, Harry Joelson, Henry Morgan, William Hertz.

Dr. A. W. Chase Co., Dover, Delaware; drugs; \$500,000.

Clean Surface Products Co., Illinois; varnishes.

T. M. T. Mfg. Corp., New York, chemists, \$5,000; S. Goldstein, B. Glassberg, B. Sammt.

Ferro Alloys and Smelting Corp., Wilmington, Del. \$2,500,000.

R. W. Rhoades Metaline Co., dry lubricants; New York, \$75,000; R. W. Rhoades, A. Payne, W. A. Perry.

Montana Carbon Black Co., Wilmington, Delaware; \$300,000; manufacturing.

Reliable Silk Exchange, New York; \$20,000; T. A. Layton, A. B. Mandel, M. V. Freedman.

Patrician Silk Co., Syracuse, has increased its capital from \$50,000 to \$100,000.

CANADIAN INCORPORATIONS

Associated Cleaners & Dyers, Ltd., Toronto, Ont., \$50,000; Frederick G. Dyke, Robert P. Saunders, Dorothy Holt.

Cook Laboratories of Canada, Ltd., Toronto, Ont., \$40,000; manufacturers of drugs and chemicals, Stewart G. Robertson, Wilfred R. Binch, Douglas J. Nickle.

The Fort Garry Dyers & Cleaners, Ltd., Winnipeg, Man., \$100,000; John R. Haney, John W. Mitchell, Leland S. Mitchell.

Basque, Ltd., Toronto, Ont., \$75,000; manufacture drugs and chemicals; Hugh B. Callander, Etie Callander, Gordon P. McRostie.

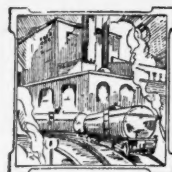
The Canadian Cellulose Co., Cornwall, Ont., \$1,000,000; and 10,000 shares of no par value. Manufactures cellulose, sulfate pulp, etc. Anna B. Courtney, Gladys Wright, Olive Harland.

The Wingham Rubber Co., Ltd., Wingham, Ont., \$90,000. Manufactures rubber products, Albert E. Lloyd, Joshua Hirst, David Falconer.

W. A. Fairburn, president of the Diamond Match Co., stated at the annual meeting, March 25th that earnings at the present rate will be sufficient to cover the present 8% dividend with a satisfactory margin this year. It is announced that no change will be made in the capital structure of the company.

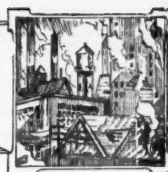
Cellulose Holding Investment Co., Ltd., of London, has placed on the market 750,000 one pound sterling 7½% British Celanese cumulative participating preference shares of its stock.

Eastern Laboratories, Inc., New York, have obtained a judgment against Frank A. Cowan for \$580.88.



Industrial Chemical

SECTION



February Chemical Exports Gain 5 Per Cent

Imports Rise 22 Per Cent—Coal-Tar Group Shows Large Increase in Imports and Heavy Loss in Exports—Fertilizer Imports Up 42 Per Cent—Exports 20 Per Cent—Sulfur Exports Double—Rosin and Gum Imports Increase

Washington, D. C., Mar. 31—The aggregate value of the exports of chemicals and related products rose 5 per cent from \$11,686,000 in February, 1925 to \$12,263,000 in February, 1926, while the imports advanced 22 per cent from \$17,532,000 to \$21,325,000, according to the Chemical Division of the Bureau of Foreign and Domestic Commerce. Due to the continued strong demand for fertilizers, imports of group 8 valued at \$15,200,000 representing 70 per cent of the total, were well above the imports for the preceding February. Exports valued at \$8,700,000 were also in excess of the previous February's figure, but only by 5 per cent.

The largest difference in the foreign trade was made in the coal-tar products group. Exports in this group valued at \$552,000 in February, 1926 were not only 38 per cent under the February 1925 figure, but were also considerably below the monthly average, while imports of \$1,709,000 were 28 per cent over February 1925 and about the average monthly import of the past two years. Foreign sales of crudes and intermediates recorded a decided falling off, whereas with the exception of dyes, which class, however, formed three-quarters of the total, finished products advanced. Exports of dyes amounted to \$404,000 (1,611,000 pounds). Dead or creosote oil continued to be the leading import item accounting for 64 per cent. Receipts of dyes in February were 23 per cent under those of February, 1925 and equalled \$406,000 (365,000 pounds).

Sodium Exports Higher

Both the outgoing and incoming shipments of industrial chemicals were greater the current February, the former aggregating \$2,401,000, and the latter \$2,043,000. As is usual, a variation in prices caused some of the changes in the trade.

Of the more important chemicals exported on the minus side appeared acetate of lime with only \$14,000 (615,000 pounds), dextrine, \$91,000 (2,243,000 pounds), glycerin \$7,000 (34,000 pounds) and on the plus side, calcium carbide with \$12,000 (285,000 pounds), bleaching powder, \$29,000 (1,390,000 pounds), copper sulfate, \$18,000 (377,000 pounds), formaldehyde, \$35,400 (397,400 pounds), and aluminum sulfate, \$46,000 (3,561,700 pounds). During February 1926, foreign sales of disinfectants, insecticides, fungicides, etc., amounted to \$152,000 (645,900 pounds). Sodium compounds exports picked up to \$700,000 (27,271,000 pounds) for the month with slightly higher prices characterizing the trade in some of the compounds.

Of the more important chemicals imported, less amounts of acids and anhydrides, alcohols, and ammonium chloride were received, while receipts of calcium carbide, copper sulfate, bleaching powder, were all larger.

A much greater activity was evident in the fertilizer trade when imports rose 42 per cent and were the highest for some time past, \$10,210,000 (277,500 tons), having been received in February, 1926. Sodium nitrate was still the outstanding import, accounting for 71 per cent of the total and showing an expansion of 54 per cent from the previous February, figures for February, 1926 having been \$7,289,000 (156,400 tons). The imports of \$631,000 (13,000 tons) of calcium cyanamide, of 615,700 (20,000 tons) of potassium chloride, and of \$192,000 (30,200 tons) of kainite, all exceeded the February, 1925 figure.

The exports of fertilizers advanced 20 per cent in quantities from 78,000 tons in February, 1925, to 93,000 tons in February, 1926, but only 4 per cent in values from \$1,154,000 to \$1,198,000. Phosphate rock, although having fallen off in values, gained in quantities shipped, figures for February, 1926, having been \$424,300 (71,000 tons). Exports of superphosphates, prepared fertilizer mixtures, and other fertilizers, all were higher, having equalled \$136,000 (8,000 tons), \$62,000 (550 tons), and \$224,200 (7,400 tons) respectively.

Exports of explosives fell from \$362,800 in February, 1925 to \$265,300 in February, 1926.

Foreign sales of sulfur were nearly double those of the preceding February and attained a total of 53,500 tons, worth \$1,105,200. France was the largest consumer of this commodity, having taken 15,400 tons and Germany was second with 14,000 tons.

Rosin and Gum Imports Up

Of the related products, the naval stores, gums and resins group is the predominant factor with exports of \$1,947,000, 18 per cent less than February, 1925, and imports of \$3,040,000, 42 per cent above February, 1925. The higher prices of rosins continued to be reflected in the trade. During February, 1926, the exports of gum rosin equalled 54,700 barrels valued at \$1,364,700; of wood rosin to 6,700 barrels, \$139,200; and gum spirits of turpentine to 281,800 gallons, \$295,800.

Over one-half of the imports or \$1,661,200 (6,563,600 pounds) were comprised of varnish gums. Imports of damar gum fell in quantities from 1,175,400 pounds in February, 1925 to 994,100 pounds in February, 1926, but rose in values from \$125,000 to \$138,800. Shellac receipts for February, 1926 were 2,155,700 pounds, valued at \$986,800. Of the other commodities imported, the notable feature was the size of the incoming shipments of synthetic camphor, which equalled 491,000 pounds, \$262,000.

C. T. Thompson, head of the Thompson-Hayward Co., of Kansas City, Mo., returned last week from a two months European trip through Germany, France, England and Belgium. While he was absent abroad his son was seriously burned but is now thought to be on the road to recovery.

M. R. Bhagwat is now associated with Ralph H. McKee, at Columbia University, doing research work on cellulose.

The Heavy Chemical Market

Chemical Current Spot Quotations for Heavy Chemicals, see pages 946-964

ZINC CHLORIDE HIGHER ON GOOD DEMAND

Acetic Anhydride Much Firmer—Mineral Acids Firm and in Good Demand—Barium Products Steady—Tertiary Butyl Alcohol Offered—Potassium Carbonate Shaded—Sodium Chlorate Advanced—Ammonia and Chlorine and Derivatives Steady—Carbon Tetrachloride and Chloroform Firm—Bichromates and Prussiates Unchanged—Formic Acid Nominal

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced			Declined		
	Today	Last Week	Last Month	Today	Last Week	Last Month
Sodium Chlorate, 1/2 c lb.						
Potassium Carb. 80-85% calc., 1/4 c lb.						
Potassium Carb. 96-98% calc., 1/2 c lb.						
Acetic Acid, Glacial lb.	\$1.11 1/2	\$1.11 1/2	\$1.11 1/2	\$1.11	\$1.10 1/2	\$1.07
Sulfuric Acid, 66° ton	14.00	14.00	14.00	14.00	55.00	20.00
Ammon Sulfate, 100 lbs.	2.90	2.90	2.95	2.75	7.50	2.65
Bleaching Pdr, 100 lbs.	2.00	2.00	2.00	1.90	9.50	1.50
Copper Sul c-l 100lbs	4.37 1/2	4.37 1/2	4.30	4.65	20.00	4.60
Potash, Caustic, Imp., lb.	.07 1/2	.07 1/2	.07 1/2	.07 1/2	.87	.08
Soda Ash, 58 p.c. 100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76 p.c. 100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate lb.	.08 1/2	.08 1/2	.08 1/2	.08 1/2	4.65	.06 1/2
Sodium Prussiate lb.	.10	.10	.10	.10	1.25	.18
Average	2.915	2.915	2.913	2.927	10.79	2.99

Demand for heavy chemicals was of fairly good volume during the week. Prices were about steady on the entire list, with a few products subject to shading in some directions. Slight reductions have been made by some sellers of certain grades of potassium carbonate. Barium chloride and carbonate are firm and unchanged in all directions. Copper sulfate is steady, although some lots have been disposed of slightly under the market. Chlorine and its derivatives, as well as ammonia and its derivatives show no variation in any direction. Demand for these products is good, but supplies remain sufficient to cover any appreciable increase. Formic acid remains in scant supply and quotations are nominal for spot goods, although the foreign market is easy. Zinc chloride is in excellent demand and the domestic maker is sold up to production on granulated material. Acetic anhydride is much firmer due to some makers being heavily sold ahead under contract.

Acetic Anhydride—Some makers are heavily sold ahead under contract and prices are very firm.

Acetone—Maker firm at unchanged prices.

Acid Acetic—In good demand at unchanged prices.

Acids Mineral—Undertone remains strong with an advance in sulfuric intimidated. However, some factors claim that competition is sharp, and an advance quite improbable. Muratic and nitric price schedules are firm and unchanged.

Acid Formic—Spot quotations are nominal due to an absolute scarcity of goods. Shipment quotations are firm and the foreign market is easy.

Alcohol Tertiary Butyl—This product is now offered commercially at \$2.00 gal. in drums for commercial grade, and \$2.50 gal. for anhydrous.

Alum Potash—Market quiet but firm at \$2.65@\$3.00 100 lbs. for imported ground material.

INDUSTRIAL CHEMICAL SECTION

Ammonia Anhydrous—Market quiet but firm in all directions.

Ammonia Aqua—Prices remain firm at recent figures from all makers.

Ammonium Chloride—Spot prices on imported and domestic products are firm and unchanged.

Barium Salts—Chloride is firm and unchanged at \$63.00 ton for carlots of bags, and barrels at \$2.00 ton premium. Carbonate is unchanged at \$47.00@\$49.00 ton.

Calcium Acetate—Firm and unchanged at \$3.25 100 lbs.

Calcium Chloride—Domestic quotations remain at \$21.00 ton for carlots. Less carlots business in the Metropolitan district is being transacted at recent advance.

Carbon Tetrachloride—Quotations are firm and unchanged from all makers.

Chloroform—Technical material is firm and unchanged at 20c@22c lb.

Chlorine—Makers are adhering to schedule in all directions. Demand is excellent, but supplies are plentiful.

Copperas—Sugar remains weak at \$8.00@\$9.00 ton for bulk.

Copper Sulfate—Market fairly steady at \$4.35@\$4.50 100 lbs. as to seller for large crystals. Some lots were disposed of at slightly under market.

Epsom Salts—Makers and importers name unchanged prices.

Glauber's Salt—Demand is good. Prices are fairly steady at recent figures.

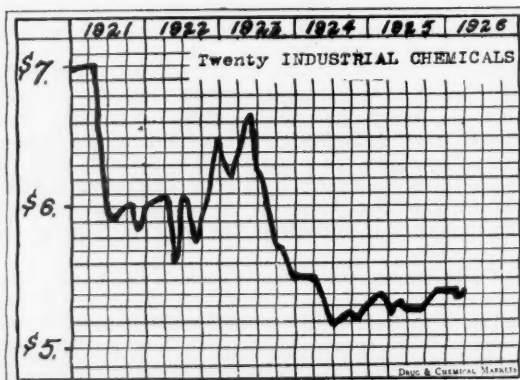
Manganese Chloride—All importers quote firm prices of 8c@8 1/2c lb as to quantity for casks.

Nickel Salts—Importers and makers quote firm unchanged prices.

Potash Caustic—Importers and makers quote 7 1/2c lb for carlots.

Potassium Bichromate—Market is steady at unchanged prices.

Potassium Chlorate—Market is firm at 8 1/4c lb for imported, and 8 1/2c@9c lb for domestic.



Potassium Carbonate—Offerings of 80-85% calcined are available at 5¼c lb, and hydrated at 5c lb, while 96-98% calcined is easier at 6¾c@6½c lb. Other grades are unchanged.

Potassium Cyanide—Market quiet but firm at unchanged prices.

Potassium Perchlorate—Quotations are firm and unchanged in all directions.

Potassium Prussiate—Market is quiet but firm at 18c @18½c lb for yellow material.

Soda Ash—Schedule prices are subject to more than usual quantity shading and the market is steady.

Soda Caustic—Makers report good demand and no more than usual shading is reported.

Sodium Bichromate—Makers name firm unchanged prices and report a steady demand.

Sodium Chlorate—Domestic maker has advanced prices and now names 6¼c@6½c lb. Importers name the same prices.

Sodium Cyanide—Demand is steady and prices are firm and unchanged from makers and importers.

Sodium Fluoride—Although the market is firmer under an excellent demand, prices are unchanged at 8¾c@10c lb as to quantity and quality.

Zinc Chloride—Market for granulated material is much firmer due to domestic maker being sold up to production. Importers name 6¼c@7c lb.

Methanol imports into the United States during January aggregated 67,692 gallons valued at \$31,044 according to the Department of Commerce. During the first half of last year 308,084 gallons, valued at \$141,044 were imported, while during the second half of the year 200,325 gallons were imported, valued at \$90,042. During the same month the Department's figures show that 50,025 lbs. of butyl alcohol were imported valued at \$10,445; while in the first half of last year 867,553 lbs. valued at \$186,005 were imported. During the second half of last year 1,284,538 lbs. valued at \$206,775 were imported.

Crude methanol to the amount of 516,820 gal., were purchased in the United States during February, as against 503,973 gal. in January. The total purchased of this commodity during the year ending Dec. 31, 1925 aggregated 4,320,108 gal. and during the same period 6,022,939 gal. were consumed in the United States. During the same period 4,630,554 gal. of refined methanol were produced.

International Salt Co. will move its New York office to the Farmers' Loan and Trust Building, 475 Fifth Avenue on April 22. The company moves from Number 2 Rector Street, where its offices have been located for the last twenty years. The new telephone number will be Ashland 1102.

Nichols Copper Co. announce the opening on April 1 of an office in the Garland Building, 69 West Washington St., Chicago, Ill. This office will be in charge of H. M. Rice and will handle a general line of the company's products.

Warren Products Co., Inc., properties, consisting of chemicals, machinery, fixtures and office equipment will be sold at auction April 7, at 265 Canal st., New York, by order of the Federal District Court. Chas. Schon-good is the auctioneer.

Chas. B. Hall, sales manager of Cleveland-Cliffs Iron Co., who has been in Europe for several weeks is expected back this week.

SAL AMMONIAC FIRM IN HAMBURG

Domestic Demand Small But Exports are Large—Prices at Low Levels—Syndicate Quotations None Too Firm—Epsom Salts, Potassium Chlorate and Potash Alum in Good Demand—Calcium Chloride, Barium Chloride and Oxalic Acid Firm

(Special to DRUG & CHEMICAL MARKETS)

Hamburg, Germany, March 31 (By Radio)—Domestic demand for chemicals is weak, but sufficient export orders are being received by manufacturers. Prices are generally at low limits. A good demand is reported for epsom salts, potassium chlorate, bromides, sal ammoniac, potassium alum and potassium permanganate. Firm markets with unchanged prices are reported in calcium chloride, sodium sulfide, barium carbonate, Glauber's salts, oxalic acid, and barium chloride.

Hamburg, Germany, March 22 (By Mail)—Offers of heavy chemicals are plentiful with absolute lack of consuming demand. Orders for large tonnages are being given only at the lowest prices, and there is distinct tendency to make counterbids against uniform quotations by syndicates. Export business has declined sharply from last week. Prices in general show very slight variation.

Pharmaceuticals: The tendency is almost the same as for technical goods. Prices of opium alkaloids have gone down. Approximate prices of codein phosphoric are Mk. 390 and morphium hydrochloride Mk. 455 per kilo for home consumption.

Bromides: Are still in demand. Ammonium bromide at \$76.50; potassium bromide at \$63; and sodium bromide at \$70 per 100 kilos f. o. b. Hamburg.

Sodium sulfide: Business has revived at about £8 17s 6d per 1,000 kilos f. o. b. Hamburg.

Calcium chloride 70-75%: The upward tendency continues and this commodity has reached levels of about £4 per 1,000 kilos f. o. b. Hamburg. The 90-95% goods also are showing an upward tendency.

Sulfate of ammonia in double bags: 20-21%: Present quotation is £12 8s per 1,000 kilos f. o. b. Hamburg.

Caustic soda: 76-77% in 200 kilo drums: £12 10s per 1,000 kilos.

Hyposulfite of soda, commercial crystals: In 250 kilo barrels £7 per 1,000 kilos.

Barium carbonate in bags: 98-100% precipitated: \$2.55 per 100 kilos.

Epsom salts, technical: £2 per 1,000 kilos in single bags.

Boric acid crystals or powdered, in 50-kilo kegs, £38 5s per 1,000 kilos.

Chlorate of potash, powdered: \$13.25 per 100 kilos.

Zinc chloride, 98-100% fused: £20 5s per 1,000 kilos.

Citric acid, crystals or powdered, in 112-lb. kegs, \$64.50 per 100 kilos.

Yellow prussiate of potash: £61 per 1,000 kilos.

Yellow prussiate of soda: £33 15s per 1,000 kilos.

Glauber salts, calcined, 96-98% in bags, £3 10s per 1,000 kilos.

Carbonate of ammonia, powdered, in 50-kilo kegs, £22 5s per 1,000 kilos.

Potash alum pieces in 100-kilo barrels, £7 per 1,000 kilos.

Potash saltpetre powdered, in 250-kilo barrels, £21 3s per 1,000 kilos.

Blue vitriol, 98-100%, £20 5s per 1,000 kilos.

Oxalic acid, £23 15s per 1,000 kilos.

Sal ammoniac, white granular, 98-100%: \$8.60 per 100 kilos.

Para-Toluidine—Stocks are large and demand is slight. Prices are firm at 50c@53c lb.

R-Salt—Movement is of moderate volume at 48c lb for single barrels of lake-makers' grade.

Sodium Naphthionate—Open quotations remain at 55c @69c lb as to quantity. Competition is sharp and shading is reported.

Tolidine—Prices fairly steady at unchanged figures.

Toluidines—Makers quote 38c@40c lb but the market is weak.

U. S. DYES INTO CANADA INCREASE

Toronto, Canada, March 27—Imports into Canada during January of aniline and coal-tar dyes were as follows: From Great Britain, 10,048 lbs., value \$6,447; United States, 116,859 lbs., value \$67,787; Germany, 28,009 lbs., value \$23,403; Netherlands, 5,700 lbs., value \$5,309; Switzerland, 21,602, value \$13,712; other countries, 275 lbs., value \$366; total, \$182,493 lbs., value \$117,024, as compared with imports during January 1925 as follows: From Great Britain, 40,191 lbs., value \$11,217; United States, 71,176 lbs., value \$46,036; Germany, 45,911 lbs., value \$21,479; Netherlands, 31,171 lbs., value \$17,069; Sweden, 3,628 lbs., value \$2,350; Switzerland, 9,777 lbs., value \$10,115; other countries, 7,172 lbs., value \$2,533; total 209,026 lbs., value \$110,799.

Dr. Rene Clavel, of the dye firm of Clavel & Lindenmeyer, Switzerland, sailed from New York last week on the Olympic. Clavel who is a member of the directorate of British Celanese, Ltd., and Canadian Celanese, Ltd., has been in this country for four months perfecting arrangements for the production of several new fabrics made of "celanese" which is a product of the American Cellulose & Chemical Mfg. Co. He announced he expects to return to this country in about four months with more of the new products.

Japanese dye plants will produce, notwithstanding the withdrawal of the Government subsidy which will entail keen German and American competition, and possibly serious losses, according to the opinion expressed at a meeting of the Nippon Senryo Seizo recently. It was also thought the Government soon would take steps to encourage the industry.

Creosote oil production in Italy is not sufficient for domestic consumption, according to a report from the Bureau of Foreign and Domestic Commerce, Department of Commerce, Chemical Division. It is estimated that a total of 9,500 tons of creosote were consumed by Italian railways during the past two years, of which 6,800 tons were imported.

Coke production in Canada for February was 166,012 tons, an increase of 6.6% over January. Bituminous coal used totaled 251,585 tons, of which 88,389 tons were domestic. Coke imports declined from 114,724 tons in January to 73,796 tons in February.

Ciba Co., Inc., New York, have issued a very attractive folio of samples of their dyes ranging from primrose yellow to dead black on viscose. The folio embraces three pages with twenty samples in the form of miniature skeins of the material to a page.

D. C. Scott, intermediate sales manager of Newport Chemical Works, who has been confined to his home for over a week with influenza and rheumatism, is expected to return to his office this week.

BRITISH AND SCOTTISH DYES MERGE

Both to Remain Separate Organizations—Concentration of Manufacture and Elimination of Competition the Aim—Scottish Dyes Capital £350,000—British Dyestuffs £4,775,580

Washington, D. C., March 31—An arrangement has been completed between the British Dyestuffs Corporation, Limited, and Scottish Dyes, Limited, whereby the former acquires a majority financial interest in the Scottish company, according to consular advices to the Department of Commerce from London.

The two companies are reported to have entered into an agreement by which Scottish Dyes will remain an entirely separate company under the same management as now, with James Morton as chairman, and Dr. Thomas as managing director. Professor Sir William Pope, who has acted for several years as technical adviser to Scottish Dyes, has been appointed a director thereof.

The new arrangement is said to have been made in order to concentrate manufacture, thereby effecting substantial reductions in costs of the vat colors which in the future will be produced exclusively by Scottish Dyes at its works at Grangemouth, where considerable extensions will be made immediately.

Scottish Dyes, Limited, is a development of the works of Morton Sundour Fabrics, Limited, of Carlisle. At the beginning of the war this firm had to produce the special vat colors for its own use, and the effort developed to an extent that has enabled it to supply the needs of most of the users of the country for these fast colors and to achieve a considerable reputation of specializing in them. The capital of Scottish Dyes is stated in England to be in the neighborhood of £350,000 (\$1,703,275 at normal rate). The issued capital of the British Dyestuffs Corporation, Limited, as written downward during the latter part of 1925, is £4,775,580 (\$23,240,360 at normal rate).

Herman Metz, president of the German Dyestuffs Corp. in a communication from the Paris Bureau of the "Daily News Record," Fairchild News Service, states that he has completed final details whereby his corporation will handle exclusively all Interessengemeinschaft (German Dye Cartel) dyestuffs in the United States. Mr. Metz states that this concentration will cut down the present color lists and reduce prices. Mr. Metz also states that with closer collaboration among German firms, he feels that it will be only a matter of time when dye imports from America will have ceased entirely. He states that German dyestuff firms were "dumping" bulk colors all over the world, including Germany, although there is no similar "dumping" in the United States. Mr. Metz is now on his way to New York.

Celli, Bagley, Cusin & Allamel, Ltd., said to be an international corporation, was recently registered in London to manufacture and sell, wholesale and retail, synthetic textile filaments and yarns, and also to be bleachers and manufacturers of dyestuffs. The capital stock is £120,000 and British, French and Italian interests are represented on the directorate. D. Bagley, of Bagley, Mills & Co. will be chairman of the directors.

United Chemical Products Corp. announces the placing on the market of a new color, Chrome Fast Black B. This color is said to resemble Diamond Black F but with a somewhat bluer shade. In other respects the two are alike.

Indigosol Violet AZB, is a new addition to the line of water soluble, stable vat colors offered by the Carbic Color & Chemical Co., Inc., New York, sole agents for Durand & Huguenin, S. A., Basle, Switzerland.

The Oil Market

Current Spot Quotations for Oils, Greases, page 965

COTTONSEED OIL PRICES BREAK

Crude Closely and Firmly Held—Corn Oil Easier—
Chinawood Oil Continued to Decline—Coconut Oil,
Palm Oil, Palm Kernel Oil, Olive Oil Foots and
Rapeseed Oil at Lower Figures—Oleo Oil is the Only
Animal Oil to Hold Steady—Lower Prices on Tallow,
Greases, Lard Oil, Neatsfoot Oil and Stearine

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Chinawood Oil, $\frac{1}{2}$ c D.
Coconut Oil, $\frac{1}{2}$ c D.
Corn Oil, $\frac{1}{2}$ c D.
Cottonseed Oil, $\frac{1}{2}$ c D.
Greases, $\frac{1}{2}$ c to $\frac{1}{2}$ c D.
Lard Oil, $\frac{1}{2}$ c to $\frac{1}{2}$ c D.

Advanced
No Advances
Declined

Neatsfoot Oil, $\frac{1}{2}$ c to $\frac{1}{2}$ c D.
Olive Oil Foots, Shipt., $\frac{1}{2}$ c D.
Palm Oil, $\frac{1}{2}$ c D.
Rapeseed Oil, 2c gal.
Stearine Oleo, $\frac{1}{2}$ c D.
Tallow, $\frac{1}{2}$ c to $\frac{1}{2}$ c D.

Tallow Oil, $\frac{1}{2}$ c D.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Cod Oil, N Y gal.	\$.68	\$.68	\$.68	\$.62	\$ 1.25	\$.26½
Pegmae American, bbl. D.	.04½	.04½	.04½	.04½	.04½	.03½
Lard No. 1 gal.	.89	.89	.89	.91	2.90	.92
Menhaden, crd., lbs. gal.	.55	.55	.55	.55	1.20	.33
Neatsfoot 20° c t gal	1.43½	1.56	1.59½	1.24½	8.45	.95
Red Oil distilled .. lb.	.10½	.10½	.10½	.12½	.17	.07
Stearic, Acid, T P .. lb.	.16½	.16½	.17½	.17½	.33	.12
Coconut, Ceylon tin .. lb.	.10½	.10½	.10½	.10½	.30	.14
Cottonseed, crude, lbs lb.	.11	.11	.10½	.09½	.25	.08
Linseed, crude gal.	.80½	.80½	.82½	1.09	1.85	.57
Olive, denatured gal	1.18	1.18	1.20	1.22	4.50	1.05
Peanut, refined lb.	.15	.15	.15	.15	.30	.08
Soya Bean bbis lb.	.12½	.12½	.13	.13	.19½	.07
Average	4.99	5.00	5.07	0.497	5.92	1.56

Vegetable oils were exceedingly weak during the past week due to a very slight consuming demand. Prime summer yellow cottonseed oil broke from its high point, despite the fact that the crude oil continued to be held at high prices. The fact that lard and lard compound are selling at close to the same prices, has caused a great decrease in the demand for compound, with a consequent lessening in demand for cottonseed oil. The Government consumption report was unsatisfactory to speculators. Linseed oil prices are fairly steady, but the market is far from active. Chinawood oil market is demoralized following heavy liquidation. Rapeseed oil, palm oil, palm kernel oil, all have followed the trend of the market and are somewhat lower in prices.

Animal oils and fats are all quoted below last week's figures with the exception of oleo oil which is steady. Lack of demand among consumers has caused renderers to unload their burdensome stocks.

Fish oil prices are fairly steady in most directions and no changes are registered this week.

Vegetable Oils

Castor Oil—Crushers quote firm unchanged prices, but report a slight demand.

Chinawood Oil—Market is very weak due to heavy liquidation among weak holders of stocks. Barrels are quoted at 11c@11¼c lb; tanks at Pacific Coast at 9½c @9¾c lb; and tanks at New York at 10½c lb.

Coconut Oil—Lack of demand has caused weakness in some directions and prices on some grades are lower. Ceylon is offered at 10¼c lb in tanks; and 11c@11¼c lb in barrels. Cochin is quoted at 11c lb in tanks;

and 11¼c@12c lb in barrels. Manila is quoted at 10¼c lb for tanks; and 11½c@11¼c lb in barrels.

Corn Oil—Market is easier, following declines in cottonseed and other oils. Tanks at mills are moving at 10¼c@10½c lb.

Cottonseed Oil—While crude oil is closely held at 11c@11½c lb, prime summer yellow quotations broke this week and it appears that the high prices are over. The closeness of the prices of lard and lard compound caused a great lessening in demand for compound and that has caused a lessened demand for oil. Quotations are: 12c lb spot; April 11.8c bid, 12c asked; May 11.85c bid, 11.88c asked; June 11.8c bid; 11.95c asked; July sold at 11.86c; Aug. 11.89c bid; 11.92c asked; Sept. 11.88c bid; 11.9c asked; Oct. sold at 11.3c.

Linseed Oil—Market is quiet with crushers naming unchanged prices on all positions and packings. Seed markets are fluctuating slightly but no definite turn has been registered. Demand is slight. The bulk of the seed is believed to have been shipped from the Argentine. Carlots of barrels on spot or for April shipment are quoted at 10.7c lb; May-June 10.8c lb; July-Aug. 10.9c lb. Flaxseed markets opened this week at following prices: Winnipeg May \$1.96; July \$1.98½; Oct. \$1.98½; Duluth May \$2.29½; July \$2.32; Minneapolis May \$2.31; July \$2.34½; Buenos Aires \$1.55½.

Olive Oil Foots—Shipment is lower and is now quoted at the same figures as spot, namely 8½c@8¾c lb.

Palm Oil—Easier condition among holders of stocks and prices are lower. Lagos is offered at 8½c@8¾c lb, and Niger at 8c@8¼c lb.

Palm Kernel Oil—Lower prices are named on spot at 9¾c lb for casks, and 10c lb for barrels.

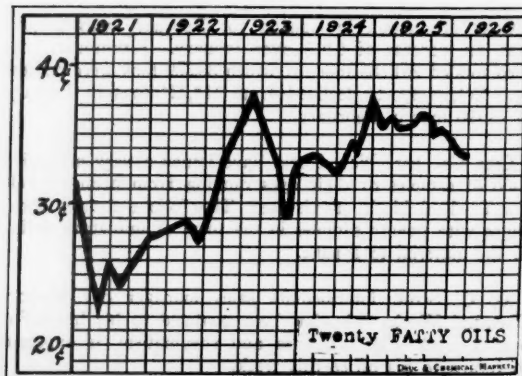
Perilla Oil—This market is likewise easier and oil is offered at 13¾c@14½c lb in barrels.

Rapeseed Oil—Lower prices named for spot oil following lack of demand. Japanese oil is quoted at 88c@90c gal.; and English oil at 92c@95c gal.

Animal Oils

Greases—Makers quote lower prices on all grades due to lessening of demand. Choice white is offered at 10c lb; yellow at 8¾c lb; house 8¼c lb; brown 8c lb.

Lard Oil—All grades are quoted lower at following prices: edible prime 17½c lb; off prime 13½c lb; extra



13c lb; extra No. 1 12 $\frac{3}{4}$ c lb; No. 1 12 $\frac{1}{2}$ c lb; No. 2 12 $\frac{1}{4}$ c lb.

Neatsfoot Oil—Pure is steady at 16 $\frac{3}{4}$ c lb. Quotations on all other grades are lower due to increased stocks in makers' hands as a result of decreased consuming demand. Makers quote 20° c. t. at 20 $\frac{1}{2}$ c lb; extra 12 $\frac{3}{4}$ c lb; No. 1 12 $\frac{1}{2}$ c lb; C. P. 20 $\frac{1}{2}$ c lb.

Oleo Oil—Market is steady and prices are firm and unchanged at 13c@13 $\frac{1}{2}$ c lb for No. 1; 11 $\frac{1}{2}$ c lb for No. 2; 11c lb for No. 3.

Red Oil—Prices are steady at recent reduction to 9 $\frac{3}{4}$ c lb for tanks of distilled and saponified, and 10 $\frac{1}{2}$ c@11c lb for barrels.

Stearic Acid—Makers name unchanged prices of 14 $\frac{1}{4}$ c lb for carlots of double pressed, and 16 $\frac{1}{4}$ c lb for carlots of triple pressed. Less carlots are at $\frac{1}{4}$ c@ $\frac{1}{2}$ c lb premium.

Stearine Oleo—Easier at lower prices of 12c lb.

Tallow—Supplies are in excess of demand and prices are lower at 8 $\frac{1}{2}$ c lb for city extra. Edible is also lower at 9 $\frac{3}{4}$ c lb.

Tallow Oil—Makers quote lower prices of 12 $\frac{1}{2}$ c lb for carlots of barrels.

COTTONSEED OIL LOSSES UP 3%

Refined cottonseed oil available for the remaining five months of this season totals 1,504,000 barrels, including a carry-over of 500,000 barrels. This averages 300,800 barrels per month for the rest of the season according to the "Cotton Oil Press," official organ of the International Cotton Seed Crushers' Association, in its April issue.

The consumption for the first seven months of this season was 2,282,225 barrels, an average of 326,000 barrels per month. The consumption of refined cotton oil in February was 260,000 barrels as against 229,387 barrels for the same month last year. The loss at refineries has been somewhat larger this year, averaging 17% as against the normal loss of about 14% due to inferior seed. This loss may run higher for the balance of the year. Based on the Government ginning report of 16,103,000 bales the journal estimates the season's receipts of cotton seed as 5,435,019 tons. Seed yet to come totals 258,000 tons. Total production of linters from this crop will be 1,102,528 bales of 500 lbs. each as compared with 950,965 bales last year. All these computations are based on Government statistics.

Peanut oil containing 5% of coconut oil is the subject of a communication from L. C. Andrews, Assistant Secretary of the Treasury to the Assistant Attorney General of New York, wherein he asks for filing of an appeal with the United States Court of Customs Appeals for review of the decision of the U. S. Board of General Appraisers in which the Board held that this commodity which had been assessed for duty in the liquidation of the entry as peanut oil under paragraph 55 of the Tariff Act of 1922, was properly dutiable as a combination or mixture of vegetable oils at the rate of 25 per cent ad valorem under paragraph 58 of the Tariff Act of 1922.

Palm kernel oil to the amount of 4,300 tons loaded at Hamburg, Hull, and Liverpool, arrived last week in the port at New York, on the German tanker *Massasoit*. The vessel is owned by the Hamburg Tanker G. m. b. H., a subsidiary of Oelwerke Julius Schindler, importers and refiners of mineral oils. Besides the *Massasoit*, the company owns and operates three other tankers, all engaged in the trade of carrying mineral and vegetable oils to the United States from Asiatic and European ports.

INDUSTRIAL OIL DEMAND ACTIVE IN ITALY

Soap, Margarine, Candle, and Paint Industries Consuming Heavily—Quotations Firm—Olive Crop Totaled 910,000 Tons, Against 1,356,100 Tons For Previous Year—Quotations on Various Oils Given

(Special to DRUG & CHEMICAL MARKETS)

Genoa, Italy, March 17—The demand for oils for producing soap, margarine, candles, paints, etc., is active, and some changes in price are noted. Quotations at Genoa are as follows per 100 kilos: Green olive oil, 439 to 440 lire; Italian beef tallow, 545 to 550 lire; bleached palm oil, 555 to 560 lire; white coconut oil, 585 to 590 lire; colophony, 320 to 350 lire; arachis oil, 590 to 620 lire; crude linseed oil, 460 to 465 lire; boiled linseed oil, 470 to 475 lire; colza oil, 635 to 640 lire; denatured colza oil, 590 to 595 lire; English castor oil, 540 to 545 lire.

Some c. i. f. Genoa quotations for industrial oils are as follows per ton: Soya oil, £47 to £48; arachis oil, £57 to £58; foreign tallow, £44 to £49; foreign bone grease, £38 to £40; Lagos palm oil, £40; bleached palm oil, £45; foreign coconut oil £44; American colophony, \$17. 1\$ = 24.95 lire. 1£ sterling = 121.50 lire:

The request for Italian olive oils on the part of foreign countries is fair, and the deliveries of the product in tins, bottles and kegs are satisfactory. Prices remain little changed, however, and the buyers still insist on immediate deliveries.

Quotations are as follows per 100 kilos: Riviera Ponente fine, new, lire 1,150 to 1,155; Bari extra, lire 1,070 to 1,080; Bitonto extra, lire 1,150 to 1,200; Molfetta extra, lire 1,150 to 1,200; Calabria extra, lire 1,100 to 1,200; Sardegna fine, lire 1,100 to 1,200; Toscana fine, lire 1,200 to 1,275; Lecce fine, lire 1,070 to 1,090; Bisceglie extra, lire 985 to 1,010; Andria extra, lire 1,150 to 1,200; Sicily extra, lire 975 to 990; Rome extra fine, lire 1,100 to 1,150; Abruzzi fine, lire 1,000 to 1,100; refined olive oil, lire 1,000 to 1,050.

Quotations for foreign olive oils, c. i. f. Genoa, are as follows per 100 kilos: Tortosa olive oil, pesetas 250 to 260; Aragona olive oil, pesetas 280 to 290; Borjas olive oil, pesetas 280 to 290; Andalusian olive oil, pesetas 240 to 250; Malaga olive oil, pesetas 215 to 220; refined Spanish olive oil, pesetas 242 to 245; Tunis olive oil, first quality, francs 945 to francs 975; second quality, francs 890 to 910. Rates of exchange today is: \$1 = lire 24.95; 1 £sterling = lire 121.50.

From an inquest made by the Minister of National Economy, the total olive harvest for the year 1925-26 was of 910,000 tons, whereas the production of olive oil reached 1,550,000 hectoliters. In 1924-25 production totaled 1,356,100 tons of olives, and 232,000 tons of olive oil was produced.

Cottonseed and peanut oil producers as well as those of other oil bearing seeds, vegetable and animal oils, and fats of the State of Georgia, have asked that the preliminary statement of information to be issued by the Tariff Commission with reference to these commodities, contain agricultural costs of production of the raw materials used in the manufacture of said oils and fats. The commission has set Saturday, Apr. 3 for a hearing in this connection.

Paint, Oil & Varnish Club of Baltimore, Maryland, at a recent business meeting, considered reports by various committees which indicate considerable activity.

Frank T. Stocker has been appointed manager of the Paint Department of E. I. du Pont de Nemours & Co.

Miscellaneous Raw Materials

Heavy Chemicals 946-964, Tan and Dyestuff 946-964, Fatty Oils, 965

TURPENTINE ADVANCED ALL POSITIONS

In Good Demand at Savannah on Rising Market—Rosins Quiet and Reduced—Antimony Lower on Spot and For Shipment—Fertilizers Quiet—Tankage and Blood Reduced Locally and For Shipment—Dye and Tan Woods Lower for Shipment Due to Lack of Demand—Other Materials Unchanged

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Turpentine, N.Y., 2c per gal	
Declined	
Myrobalams, Ship, \$1.00 ton	Rosin, B, 75c per 280 lbs.
Valonia, beads, \$3.00 ton	Rosin, D, 80c per 280 lbs.
Valonia, mixtures, \$1.00 ton	Rosin, E, 50c per 280 lbs.
Tankage, N.Y. 10c per unit	Rosin, F, 15c per 280 lbs.
Tankage, So. Amer., 20c per unit	Rosin, H, 20c per 280 lbs.
Blood, N. Y. 15c per unit	Rosin, I, 5c per 280 lbs.
Blood, So. Amer., 25c per unit	Rosin, K, 10c per 280 lbs.
Bone Meal, So. Am. \$1.00 per ton	Rosin, M, 10c per 280 lbs.
Copper, Elect., 25c per 100 lbs.	Rosin, N, 50c per 280 lbs.
Copper, Lake 25c per 100 lbs.	Rosin, WG, 30c per 280 lbs.
Fin, Straits, 1½c per lb.	Rosin, WW 20c per 280 lbs.
Zinc, N. Y. 22½c per 100 lbs.	

The advance in turpentine prices both spot and primary markets was the item of most interest in the raw material group this week. The local demand for turpentine has not been great, but factors at Savannah state that offerings there are being disposed of with little effort. The market is in a strong position. Rosin is easier for the common grades, and practically unchanged for the medium and higher grades. Antimony is off somewhat from its recent quoted price of 20c spot and shipment prices are also a bit easier, with no demand. Fertilizers continue quiet and this condition is puzzling to local dealers. Blood, bone meal and tankage are all easier this week with nitrate of soda and sulfate of ammonia quiet and unchanged. Dyes and tan woods are also weaker and reductions are reported in practically all the items. This market is devoid of interest at this time and some factors do not look for a healthy demand until June or July, for September arrivals here. Accelerators, albumens and dry colors are in the same position as previously with parcels moving in fair volume. Leading accelerator makers are optimistic as to a lively interest at an early date.

ACCELERATORS

Aldehyde Ammonia—Makers continue to quote 80c @82c lb. Market unchanged.

Diorthotolyl-Guanidine—Routine interest displayed at \$1.05@\$1.08 lb.

Diphenyl-Guanidine—Moving in fair volume at unchanged prices of 85c@88c lb.

Ethylidine-Aniline—Market is quiet with some business being done at 60c@65c lb.

Hexamethylene—Is unchanged since last week with quotations ranging from 80c@82½c lb as to quantity.

Triphenyl-Guanidine—Some interest reported and sales made at 70c@75c lb.

Thiocarbanilid—A fair demand is in evidence at the quoted figures of 24c@26c lb.

ALBUMENS

Blood—Unchanged this week with a scarcity on spot still apparent. Quotations are at 55c@60c lb, for what parcels there are available.

INDUSTRIAL CHEMICAL SECTION

Egg—Dealers here state that the price range is from \$1.02 to \$1.10 lb as to beating qualities. The lower figure is an inside quotation. The seasonal demand is holding up well.

Vegetable—No change in the market is reported and orders are being placed at the former figures of 60c@65c for edible and 50c@55c for the technical.

COLORS AND PIGMENTS

Carbon Black—Moving in good volume from the works at 8c@9c lb. New York spot prices are unchanged at 12c@13c lb.

Blues—Are moving in fair volume in this market with a tendency to shade in evidence. The market is named at 30c@33c lb.

Chrome Yellow—Manufacturers state that parcels are being disposed of at 16c@17c lb f. o. b. works. The demand is fairly good.

Chrome Green—C. P. is quoted at 27c@28½c lb f. o. b. works. There are reports of shading here but the lower figure quoted is believed to be an inside price.

Toners—Para toner is unchanged at 75c@85c lb as to quantity and seller. Lithol is quoted at 80c@85c lb. Toluidine is likewise unchanged at \$1.75@\$1.80 as to seller.

Vermilion—It is reported that prices have advanced 5c lb, but leading manufacturers continue to quote \$1.40 @ \$1.45 lb. The market is very quiet.

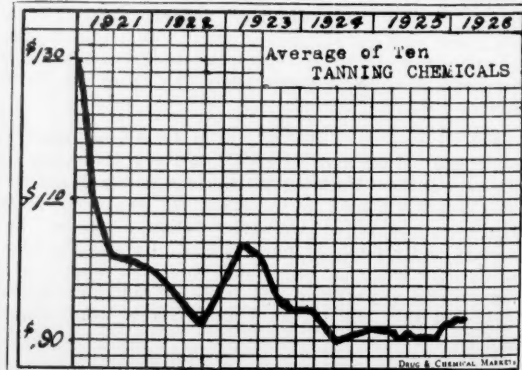
DYE AND TAN WOODS

Divi Divi—Is offered at unchanged figures of \$40.00@ \$41.00 ton for shipment. Market is quiet.

Mangrove—Is available from one source at \$40.00 ton for shipment.

Leather Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28%	\$3.24	\$3.24	\$3.24	\$3.12	\$17.00	\$1.50
Acid Formic, 90% ....	.11	.11	.11	.11	1.50½	.07
Acid, Lactic, 22% dark ..	.05½	.05½	.05½	.05½	.07	.02
Potassium Bichromate ...	.08½	.08½	.08½	.08½	.65	.06½
Epoam Salt, tech	1.70	1.70	1.70	1.70	3.75	1.00
Sodium Prussiate, ... lb ..	.10	.10	.10	.09½	1.25	.18
Soda Ash, 58% wks ...	1.38	1.38	1.38	1.38	4.10	.69
Sodium Bichromate ....	.06½	.06½	.06½	.06½	.45	.04½
Sodium Hyposulfite, pea ..	2.50	2.50	2.50	2.50	3.75	1.80
Sodium Sulfide, 60% wks ..	.04	.04	.04	.04	.10½	.02½
Average	0.928	0.928	0.917	0.927	3.267	0.528



Myrobalans—Are somewhat easier due to a lack of demand and are quoted: \$41.00@42.00 ton for J1; \$30.00 @ \$33.00 ton for J2 and \$28.50@29.50 for R2.

Valonia—Is weaker for shipment with forward parcels quoted at \$50.00@53.00 for beards; \$39.00 ton for mixtures and a shade higher at \$36.00 ton for cups.

Sumac—Is offered at unchanged figures of \$95.00@ \$100.00 ton with offerings plentiful and demand small.

Wattle—Some business is reported at reduced quotations of \$39.50@40.50 ton for shipment goods. There is a routine interest at this level.

FERTILIZERS

Nitrate of Soda—The past week has shown no change in either the price or the position of the market as a whole. The South continues to hold off from buying in a sizeable way and local interest is not up to the standard of previous seasons. The unusual condition is attributed to the cold weather which has prevailed.

Blood—Is easier on spot and is offered here at \$3.85 per unit. South American is also easier and is quoted at \$3.50 per unit. Chicago blood is holding at former levels of \$3.75 per unit.

Bone Meal—Domestic parcels are quoted at \$29.00@ \$30.00 f. o. b. Chicago and in good demand. South American is named at the same figure to arrive New York.

Tankage—The New York market is practically devoid of buying and the price is easier. Quotations are heard at \$4.15 and 10c per unit for the ground. \$3.50 and 10c per unit is named on South American to arrive. Chicago tankage is unchanged.

Fish Scrap—Is available in small quantities at origin and the price is unchanged at \$5.00 and 10c per unit, f. o. b. Baltimore.

METALS

The metal market showed a somewhat easier turn this week with a number of articles showing a recession

from last week's quotations. Antimony has dropped $\frac{3}{4}$ c a lb and is now quoted at 19 $\frac{1}{4}$ c lb on spot with but routine interest. March-April shipment parcels are offered at 14 $\frac{1}{2}$ c lb and April-May at 15 $\frac{1}{4}$ c@15 $\frac{1}{2}$ c lb, both c. i. f. New York. Lake copper is quoted at 14c lb New York and electrolytic at 13 $\frac{3}{4}$ c lb. Silver is easier at 65 $\frac{3}{4}$ c oz. Straits tin is likewise down and quoted at 63 $\frac{3}{4}$ c lb spot. Lead is unchanged at 8.20c lb New York and 8c lb East St. Louis. Zinc is off considerably to 7.57 $\frac{1}{2}$ c New York and 7.12 $\frac{1}{2}$ c East St. Louis.

NAVAL STORES

Turpentine—The New York turpentine market was marked by a steady advance and a firm undertone. Current quotations range from \$1.03 $\frac{1}{2}$ c@1.08 $\frac{1}{2}$ c gal. There has not been any large buying interest to accompany the rise and the usual seasonal inquiry is also quite small. In the face of this the market price is very well maintained at the quoted figures. The export market is dull with indications pointing to this market being taken care of by London stocks.

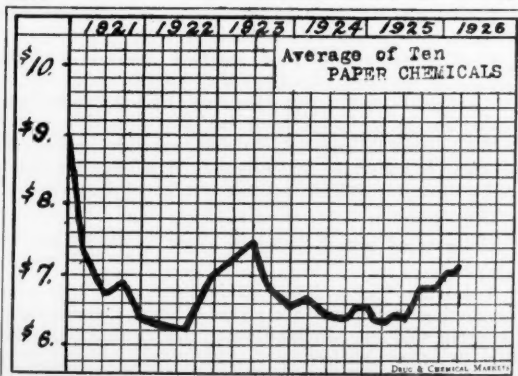
Rosins—All rosin prices with the exception of G showed declines this week. In the case of the common grades the drop ranged from 50c to 75c, but on the medium and higher grades the reduction was much less pronounced. Factors here state that sales have not come up to expectations. Buyers are displaying a fair interest but apparently are unwilling to anticipate their needs to the extent of making purchases. Current quotations are: B, \$10.00; D, \$10.75; E, \$11.50; F, \$13.85; G, \$14.00; H, \$14.05; I, \$14.20; K, \$15.40; M, \$15.50; N, \$15.80; WG, \$16.20; WW, \$16.50.

(Special to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Mar. 29—The market on turpentine here closed last week very firm with an advance of 3c per gallon recorded over last week's figures. The current quotation is 97 $\frac{1}{2}$ c gal. Saturday's offerings of 22 barrels were sold to one buyer at the market, although a lower bid of 96 $\frac{1}{2}$ c per gal. was heard. There

Paper Chemicals

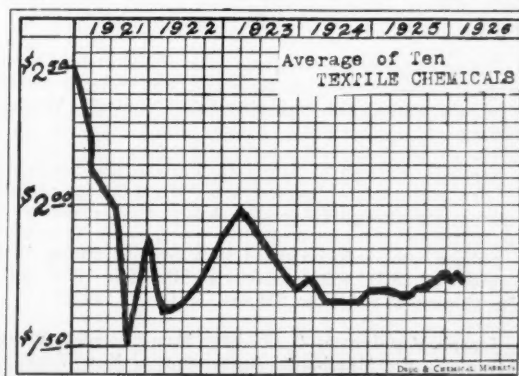
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aluminum Sulfate	\$2.00	\$2.00	\$2.00	\$2.00	\$5.00	\$1.50
Bleaching Powder	2.00	2.00	2.00	1.80	9.50	1.50
Casein .....	.13	.13	.13	.13	.28	.20
China Clay, Dom	10.00	10.00	10.00	10.00	25.00	8.00
Chlorine c-l Cyl .....	.05 $\frac{1}{2}$	.05 $\frac{1}{2}$	.05 $\frac{1}{2}$	.05 $\frac{1}{2}$	.50	.08
Salt Cake	19.00	19.00	19.00	17.00	80.00	11.00
Sodium Silicate, 40° .....	.80	.80	.80	.80	1.75	2.00
Soda Ash, 58% wks	1.38	1.38	1.38	1.38	4.10	.69
Sulfur	20.00	20.00	20.00	18.00	65.00	20.00
Rosin F grade	13.85	14.00	14.50	8.30	4.50	20.25
Average	6.960	6.973	6.886	6.040	13.50	5.50



INDUSTRIAL CHEMICAL SECTION

Textile Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28% ..	\$3.24	\$3.24	\$3.24	\$3.12	\$17.00	\$1.70
Acid Oxalic .....	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.70	.70 $\frac{1}{2}$
Bleaching Powder	2.00	2.00	2.00	1.90	9.50	1.50
Copper Sulfate	4.37 $\frac{1}{2}$	4.37 $\frac{1}{2}$	4.25	4.70	20.00	4.50
Epsom Salt, USP	2.15	2.15	2.15	2.15	4.25	1.50
Glauber's Salt	1.05	1.05	1.05	1.25	2.50	.80
Fotash, Caustic, Imp .....	.071 $\frac{1}{2}$	.071 $\frac{1}{2}$	.071 $\frac{1}{2}$	.071 $\frac{1}{2}$	.87	.12
Soda Ash, 58% wks	1.38	1.38	1.38	1.38	1.10	.69
Soda Caustic, 76% wks	3.10	3.10	3.10	3.10	9.50	1.80
Sodium Bichromate .....	.06 $\frac{1}{4}$	.06 $\frac{1}{4}$	.06 $\frac{1}{4}$	.06 $\frac{1}{2}$	.45	.041 $\frac{1}{2}$
Average	1.743	1.736	1.731	1.784	4.8008	1.25



is apparently a better interest on the part of the buyers as it becomes more evident that the demand will exceed the small receipts for the next month. It is believed here that there is only a small quantity of turpentine available at the current figures and that the next week should show a further advance. Receipts last week were 239 bbls. Sales reported 157 barrels; shipments 906 bbls. Savannah stocks 5,084 bbls. There have been sales of futures last week on the basis of 82c per gallon for May-Dec. shipment.

The local rosin market has continued firm with the offerings Saturday of 173 barrels sold at the current market. There were more price changes last week, particularly in the common grades. E, D and B receded about a dollar, and since the reduction these grades have been in demand as well as the higher grades. The higher grades have shown small price changes this week, but have been in good demand. Receipts last week were 840 bbls.; sales 1,157 bbls.; shipments 6,653 bbls. and stocks 28,809 bbls. Current quotations are: B, \$8.50; D, \$9.25; E, \$10.00; F, \$12.35; G, \$12.50; H, \$12.55; I, \$12.70; K, \$13.90; M, \$14.00; N, \$14.30; WG, \$14.70; WW, \$15.00.

Jacksonville, Fla., March 29—The turpentine market closed firm at 95¼c@95½c gal., with sales at 114 bbls. Rosins also closed firm with sales reported at 618 bbls. and all offerings taken. March 26 stocks were: Turpentine 20,653 bbls., and rosin, 79,299 bbls.

French turpentine and rosin market appears to be passing through a period of readjustment, according to C. C. Concannon, Chief of the Chemical Division, Department of Commerce. It is expected that the market for the season 1925-26 will figure as one of the best years in the naval stores industry, both as to profits to producers of crude gum as well as to the distillers. It is stated that prices remain very high, without restricting importation. A French trade journal states that the total quantity of turpentine exported from France last year was 131,194 metric quintals, and of rosin, 636,307 quintals, a very substantial increase over the figures of 1924 in both commodities.

The Bureau of Standards has consolidated research work in rubber, textiles, paper and leather in a new division under Dr. Warren E. Emely, former chief of the Division of Clay and Silica Products. The new division is known as the Division of Organic and Fibre Commodities.

Naval stores exports including gums and rosins for the eight months ended February, were valued at \$22,930,150 as compared with \$19,437,011 for the same eight months of last year, while February exports totaled \$1,947,314 as compared with \$2,362,159 for February of last year, according to the Department of Commerce.

Robert Calvert, formerly professor of Industrial Chemistry at the University of Maryland, has been appointed chief chemist of the Van Schaack Chemical Works, Chicago.

James H. Furman of James H. Furman Co., importers of dry colors and pigments, sailed recently for a two months trip through England, Belgium, France and Italy.

Sulfate wood pulp imported from Sweden during 1925 aggregated \$8,359,460 as against \$6,516,526 in 1924. Sulfite shipments fell from \$16,454,737 to \$15,599,299.

Joseph Morningstar & Co. have been elected to membership in the Merchants' Association of New York.

INDUSTRIAL CHEMICAL SECTION

BELGIAN CHEMICAL MARKET VERY WEAK

Calcium Chloride is the Only Item to Advance—Sodium Acetate Firm—Syndicates Retaining Quotations With Difficulty—Consuming Industries Very Dull Due to Financial Unsettlement—Metals, Gums and Rubber Weak—Unsettlement is Not Confined to Chemical Industry

(Special to DRUG & CHEMICAL MARKETS)

Antwerp, Belgium, March 20—The tendency of the market is again very weak and business has been confined to small transactions. As a whole, prices have moved downwards or at the best, they have just kept their former levels.

Hardly any chemicals have increased in price. The only spectacular exception is calcium chloride fused which has advanced sharply from £3 5s to £4 per ton. There is a large sudden and quite unexpected demand for this commodity and makers report being fully booked for many months.

Sodium acetate is also quite firm and in strong demand, the price having increased from £16 to £18 per ton with very little supplies.

Other chemicals, like barium chloride, barium carbonate, magnesium chloride, formic acid, lactic acid, oxalic acid, carbonate of potash, caustic potash, soda ash, carbon bisulfide, citric acid, tartaric acid, sodium fluoride and other fluorine compounds, permanganate of potash, bleaching powder, etc., which are controlled by syndicates have retained their former quotations, but only with difficulty. Without the support of their syndicates, these prices also would have collapsed.

The slackness in the chemical trade is due to the general crisis prevailing in Europe, where some currencies still depreciate, and where the larger number of countries are experiencing a severe struggle on the road of regaining financial stability and sound pre-war ethics.

The general weakness of other markets, like metals, gums, rubber and other produce also handicaps the industries which are large consumers of chemicals.

The following is a survey of the principal items:

Sodium sulfide solid, 60-62%: dull at £9 per ton.

Caustic soda 76-77% is weakened by plentiful supplies of Russian material which is thrown on the market at £13 per ton and less.

Copper sulfate is not all up to expectation and notwithstanding the advancing season remains low at £20 to £21 per ton.

Ammonia water and anhydrous have again been shaded in price, owing to increasing competition.

Arsenic is entirely neglected at £15 per ton.

Bleaching powder is featureless at £6 10s per ton.

Prussiate of potash and soda are weak at £61 and £36 per ton, respectively.

Bichromate of soda is unchanged at £28 per ton, whereas the potash salt is lower at £37 per ton.

Lead acetate is in good seasonal demand, but the price has declined owing to the fall of the metal.

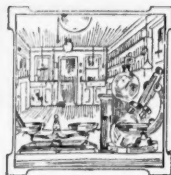
Zinc oxide and other zinc and lead pigments and paints are in a similar condition.

White lead is particularly dull, notwithstanding the season. It sells now at a discount of £3 per ton below the price of red lead, an unprecedented feature.

Chrome alum is lower at £15 per ton.

Chlorate of potash is again lower at \$13.50 per 100 kilos.

Potassium and sodium cyanides are unsettled; some conflicting statements are issued. Some manufacturers report a sold-out condition, but price cutting has taken place in other quarters.



Drug & Fine Chemical

SECTION



Italy Finds Demand for Essential Oils

Lemon Reported Active With Much Bargaining Effected—Sellers Are Not Pressing the Market—Orange Comparatively Quiet—Bergamot Shows Unusual Activity—Many Orders Booked in Cedar Wood, Cinnamon, Petit Grain and Red Thyme—Little Demand for Geranium, Cajuput, Cananga, Piedmontese Peppermint and Rosemary

Milan, Italy, March 16—Our market is under the influence of the conditions and prices, prevailing in the centres producing essential oils, and during the last five weeks much higher quotations were noted. Thus lemon oil advanced 25 lire, and the merchants were not anxious to sell their holdings, especially as these were not large. Sweet orange oil, owing to its smaller importance in comparison with lemon oil, advanced only 15 lire, while bitter orange oil was raised from 10 to 15 lire. Bergamot oil advanced from 45 to 50 lire, due to the large demand and has a tendency to rise further as some of the suppliers are reserving a portion of the production of this year. Mandarin oil, owing to the much smaller demand, was offered at the same prices all through.

In the table given below are shown some of the variations introduced in the prices of the different essential oils during the past 5 weeks:

	Feb. 1	Feb. 8	Feb. 15	Feb. 22	Mar. 1
	Lire	Lire	Lire	Lire	Lire
Sweet orange	140-145	140-145	150-155	155-160	155-160
Bitter orange	140-145	140-145	150-155	150-160	150-160
Bergamot	325-335	325-335	335-345	350-360	375-380
Lemon	120-125	120-125	135-145	145-155	145-150
Mandarine	400-420	400-420	400-420	400-420	400-420
1 dollar = Lire ..	24.85	24.82	24.75	24.80	24.90

During the past six weeks the demand for essential oils other than lemon, orange, mandarine and bergamot continued only fair, and most prices could be kept high as a consequence of the production crisis. The fall in the quotations of Ceylon citronella having ceased at the origin, some Italian buyers increased their orders in the fear of higher prices. Geranium oils found few purchasers. The Bourbon product was offered at 250 lire, the African at 350 lire and the Spanish at 600 lire per kilo. Cajuput was offered at 50 lire, the sellers could book orders, however, only when arranging a certain concession in price, and this was also the case with Java cananga. Reduced lots of Chinese cinnamon were offered at 190 lire; Italian buyers preferred in most cases the Indian product, which was bought as high as 380 lire. Offers of cedar wood oil towards 60 lire brought orders of some size. Eucalyptus oil was in poorer demand, being offered at 40 lire. Piedmontese peppermint oil found a certain demand on the part of exporters, especially as the producers took special care in its production, and quite a superior product was offered at 600 lire. Some request was noted for petit grain, the Italian product being offered at 280 lire and the Paraguayan product towards 160 lire. Italian rosemary was offered at intervals at 32 lire, but orders were seldom booked. This was not the case with red thyme that found many buyers at 75 lire.

Drug Trade Notes

Geo. F. Harvey, president of the National Drug Co., Philadelphia, underwent a slight operation last week.

W. F. Gibson, well-known chemist and druggist of Ottawa, Ont., was buried recently.

Thurston's Hand Cream advertising will be directed by Erwin, Wasey & Co., New York, according to arrangements with the manufacturers, Thurston-Helme, Inc.

The Egyptian Ministry of Agriculture is considering the advisability of suppressing the poppy yield in Egypt. The small morphine content of the Egyptian poppy, about 7%, is the reason for the contemplated move.

Edward M. Queeny, vice-president of Monsanto Chemical Works, St. Louis, is making an extended business trip along the West Coast, which includes a visit to Monsanto's new branch office in San Francisco.

No opium can now be sold into India, for export to their territories except through the Indian Government or under its license, from Indo-China in accordance with an agreement concluded between the two countries. India now has a similar agreement with every Far Eastern Government. It is announced that there will be no further public auctions of opium in Calcutta.

Dr. Crawford W. Long of Georgia, reputed to be the first to use ether as an anesthetic will be honored March 30 by the unveiling of a statue in Statuary Hall, at the capitol, Washington, known as National Hall of Fame, where each State is privileged to honor her two most distinguished sons in this manner. The date of the unveiling is the 84th anniversary of the achievement.

The sale of prepared medicines in Norway is under close government supervision and there are only about 200 pharmacists in the country. More than 90% of the prepared medicines ordinarily obtainable from the drug store in the United States cannot be purchased there without a prescription. Domestic production is very small while imports have advanced from a value of \$275,388 in 1921 to \$470,283 in 1923, according to Consul S. Bertrand Jacobson, Oslo.

In a libel action filed in the Federal Court at San Francisco, the Government seeks the condemnation of fifty fifty-gallon drums of alcohol seized at San Jose, Cal., last May. It is set forth in the libel action that the alcohol was shipped from Cleveland, O., to Ulderio de Luca and Emanuel Maffey and that it was falsely labeled "linseed oil." Both men were arrested on the charge of unlawfully possessing alcohol and are at liberty on bail pending trial.

The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, see Chemical pages 946-964

BROMIDES STEADY AND FIRMER

Trading in Bromides Quiet—General Buying Active—Cold Remedies in Active Demand—Potassium Permanganate Lower—Paraldehyde and Papain Scarce and High—High Prices for Menthol and Camphor Shaded—Quicksilver Higher With Mercurials in Good Demand.

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Glycerin, crude, 3/4c D.	Potassium Bromide, 1c D.
Paraldehyde, USP., 27c D.	Sodium Bromide, 2 1/2c D.
Declined	
Acid, Diethylbarbituric, 10c D.	Glycerin, C.P., 3/4c D.
Camphor, Jap., slabs, 1c D.	Menthol, 5c D.
	Potassium Permanganate, 1c D.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid	\$.35	\$.35	\$.35	\$.35	\$2.00	\$.20
Acid Citric Import ....	.44%	.44%	.44%	.46 1/2	1.25	.45
Caffeine, Alkaloid	3.75	3.75	3.75	3.75	13.00	3.65
Calomel, American	1.45	1.45	1.45	1.37	3.43	.90
Camphor, Jap ref. ....	.80	.80	.75	.77 1/2	3.55	.41
Iodine, Resublimed	4.65	4.65	4.65	4.65	5.00	3.75
Menthol	5.70	5.70	5.75	12.00	13.50	3.00
Potassium Bromide, Cryst. ....	.48	.48	.48	.48	4.30	.80
Quinine Sulfate Imp ..	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.42	.42	.42	.57 1/2	1.05	.50
Average	1.720	1.720	1.720	2.301	5.92	1.56

First hands report a very active market with consumers buying heavily, but only in small lots at one time. Business in other hands is also moving well although nothing spectacular is occurring. Due to the prevalence of colds at this time, there is an active demand for chemicals that go into cold and grip medicines. This has been particularly noticeable in acetphenetidin, salicylates, acetylsalicylic acid, and codeine. The latter has been in such demand that some factors express doubt as to the ability of stocks to meet the demands of the market much longer. Paraldehyde, U. S. P., is practically off the market and quotations from sellers are practically meaningless. Bismuths show no further change; alcohol is in about the same position it has occupied for the past two or three months; bromides are moving routinely with some price advances apparent; quicksilver continues firmer with the mercurials steady and in active demand; and iron salts are moving routinely. Menthol and camphor are both firm, although factors have not been able fully to sustain their recent advances. Thymol is easy with little other change in price or situation noted.

Acetanilid—Continues steady at unchanged prices.

Acetphenetidin—Demand is reported very active, due to prevalence of colds. Prices are unchanged.

Acid, Acetylsalicylic—Also in good demand for colds with prices steady at 72c@75c as to quantity. Resellers are quoting 70c@72c lb.

Acid Benzoic—Demand continues active with price unchanged.

Acid Carbolic—Reported in poor demand with prices showing no change.

Acid Citric—Domestic goods continue to control the market with prices and demand unchanged.

Acid Diethylbarbituric—Market continues routine with prices lower at \$4.00@\$4.05 lb.

Acid, Salicylic—In good demand with prices firmly maintained.

Acid, Tartaric—Demand reported active with imported goods unable to compete with domestic on a price basis.

Adeps Lanae—Market unchanged with prices steady.

Alcohol—There is no real change in this situation with spot prices in an exceedingly unsettled situation. Factors profess to see a firmer tone and some consumers are buying now for next season's requirements. Some are even attempting to buy on contract for delivery next fall at present prices, but sellers are naturally unwilling to take on any such business.

Alkaloids—Codeine is in very active demand with prices unchanged. Demand for other varieties continues normally active.

Aloin—Unchanged as to position and price.

Amidopyrine—Routine unchanged market noted.

Antipyrine—Factors are said to be meeting outside competition at \$1.70 or better, although they continue to quote \$1.75@\$1.80 lb.

Bismuth Salts—Moving steadily at recently reduced prices.

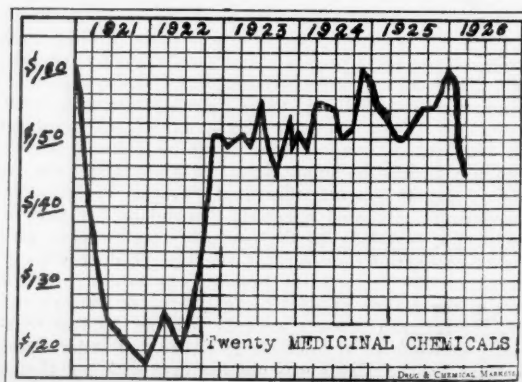
Bromides—Buying continues routine in a consuming way and prices are showing a firmer tendency. Ammonia is quiet and unchanged at 50c@52c lb, potash is moving well at the advanced price of 38c@40c lb, with soda also firmer but less active at 44 1/2c@45c lb.

Camphor—High prices have brought out some goods at the lower price of 79c@80c lb. Little relief from this price seems likely for a couple of months.

Chloroform—Quotations are unchanged with outside lots offered at figures below manufacturers' and a certain amount of meeting of competition noted among factors.

Codliver Oil—Market continues easy with buying of fair proportions and sellers desirous of getting rid of old stock before the new catch comes in. Prices have shown no change.

Epsom Salt—There has been no actual change in price with resellers continuing to underquote manufacturers.



Formaldehyde—Trading is active with producers operating at capacity and moving goods readily at unchanged prices.

Furfural—There has been no change in this market.

Fusel Oil—Very little buying is reported with prices unchanged at recent decline and market generally weak.

Glycerin—C. P. continues easier at 23½¢@24¢ lb with dynamite unchanged at recent quotations. Soap lye is firmer at 14½¢@15¢ lb with saponification also higher at 16½¢@16¾¢ lb.

Guaiacol—Carbonate is moving routinely at prices ranging from \$1.90@\$2.50 as to holder. Liquid and crystals are unchanged.

Hexamethylenetetramine—Domestic makers are firm and unchanged in price and position with imported grades quoted at 54½¢@58¢ lb as to seller.

Iodine—No change seen in this market with prices firm and steady and routine trading noted.

Iron Salts—Moving regularly at unchanged prices.

Menthol—Market is firm with some goods offering at prices slightly below importers' quotations. Some lots are now offered at \$5.65@\$5.75 lb in cases.

Mercury—Steadily increasing strength is noted and holders are now asking \$89.75@\$90.00 flask.

Mercurials—Demand continues active with prices firm and unchanged for all varieties.

Papain—Prices continue more or less nominal with little offering and situation tight.

Paraldehyde—Spot stocks are negligible and prices are named more or less nominally at 87¢@\$1.00 lb for U. S. P.

Potassium Permanganate—Imported material is lower and one sale was reported last week for shipment at 13¢ lb. Spot prices are held at the reduced figure of 13½¢ @14¢ lb with domestic producers reported to be meeting practically all competition.

Quinine—No change exists in this situation with open quotations generally understood to be subject to trade discounts, cash discounts and brokerages.

Rochelle Salt—Market continues routine at unchanged prices.

Santonine—Good demand noted with prices steady.

Thymol—Reported easy with prices unchanged at \$3.60 @\$4.00 lb.

DRUG AND CHEMICAL SECTION TO DINE

Henry S. Chatfield, of the Kasebier-Chatfield Shellac Co., will be toastmaster at the dinner of the Drug and Chemical Section of the New York Board of Trade and Transportation, to be held at the Waldorf-Astoria Hotel, April 5th at 7 P. M. The gathering has been called for the purpose of affording an opportunity for principals and executives of concerns engaged in all branches of the drug and chemical, or allied lines for the furthering of their business relations. The dinner will be confined to principals and executives of the drug and chemical lines.

Arthur S. Somers, of Fred L. Lavanburg Co. and former president of the New York Board of Education and the Brooklyn Chamber of Commerce, and Charles S. Whitman, former Governor of New York, will be the speakers. The committee in charge of the dinner includes Chas. L. Huisking, chairman of the Drug and Chemical Section; Percy C. Magnus, chairman of the Committee, S. B. Penick, A. Bakst, A. W. Frazer and Carrol Dunham Smith.

CHLOROFORM, ETHER HIGHER IN LONDON

Saffron, Senna, Vanilla and Sarsaparilla Also Higher—Menthol, Buchu, Peppers Lower—Market Held Quiet By Holiday Season—Ergot, Lycopodium Firmer—Cloves, Mint Oils, Bismuths Easier

(Special to DRUG & CHEMICAL MARKETS)

London, March 31 (By Radio)—The holiday tone has affected the market making for less activity. Higher prices are quoted for chloroform, ethers, spirits, saffron, Jamaica sarsaparilla, gum tragacanth, lime oil, vanilla beans, and Alexandria senna. A firmer tone with unchanged prices is noticeable in cotton oil and cassia oil. Lemon oil, opium, platinum, peppermint oil, and sodium acetate are easier and unchanged in price. Lower prices are named in carbolic acid, antimony, peppers, menthol, rubber and buchu.

London, March 20 (By Mail)—Business in drug and chemical circles remains dull and listless and values with few exceptions continue to move in buyers' favor, although not to any appreciable extent. Ipecac is firmer at the recent advance of 14s per lb for Matto Grosso and purchases have been in excess of arrivals. In sympathy the manufacturers have raised their prices for emetine salts as follows: Pure 4s 6d per gram, hydrochloride 2s 9d per gram and hydrobromide 2s 8d per gram.

Ergot of rye has further advanced to 3s 6d to 4s per lb for fair to sound Spanish on spot. Lycopodium is firmer at 7s 3d per kilo.

Tonka beans are attracting more attention and good frosted Angostura are fetching 6s 9d per lb and Surinam and Para are quoted from 2s 3d to 2s 6d per lb. Columbo root, natural sorts, is dearer at 15s per cwt.

Zanzibar cloves are offering at the easier figures of 9½d per lb while March-May shipment is offered at 9¼d c. i. f. The statistical position points to the probability of lower prices. Clove oil, English distilled, is correspondingly easier at 6s 3d to 6s 6d per lb.

Mint oil, Japan, is quiet and nominally quoted at 12s 6d per lb on the spot. For shipment Jan.-March 11s 9d per lb c. i. f. Peppermint oil, American, is offered at 75s per lb c. i. f. Peppermint oil, English, is offered at 100s to 105s per lb.

Bismuth salts, following the reduction in the price of metal, have been revised as follows: 1 cwt. basis, carbonate 12s 6d per lb, subnitrate 10s 9d per lb, nitrate 6s 9d per lb, and salicylate 10s 3d per lb. Atropine, pure is now quoted at the lower price of 15s 6d per oz., and the sulfate at 10s 6d per oz. Pilocarpine is lower, hydrochloride 10s 6d per oz., and nitrate 9s per oz.

At the monthly meeting of the Chicago Drug and Chemical Association, held March 18 at the Furniture Mart, 660 Lake Shore Drive, the following officers were elected for the ensuing year: President, C. P. McConnell (Central Scientific Co.); vice pres. Wm. Loewenstein (Bauer & Black); treasurer A. Fortune (Morana, Inc.); secretary, F. T. Comstock (Magnus, Mabee & Reynard). Directors for term of two years were elected as follows: C. S. Curtis (Wilson-Laboratories); E. L. Drach (Abbott Laboratories); J. L. O'Neal (Melba Mfg. Co.); H. E. Lancaster (Marshall Field & Co.).

Alfred Deeg, manufacturing chemist of Zurich, Switzerland, and a director of the Heyden Chemical Works, which has factories in Germany and Switzerland, arrived at San Francisco March 9, from the Orient. He states that the Orient is now in a better way commercially than Europe.

The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 965-970

CINCHONA, HELLEBORE, NUTGALLS LOWER

Higher Prices Heard for Copaiba Balsam, Ergot, Juniper Berries, Blue Malva, and Stramonium Leaves—Lower Prices in Balsam Tolu, Deertongue Leaves, Select Elm Bark, Select Lavender Flowers, and Stavesacre Seed—Trading Routine

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Arabic gum, USP., powd., 1c lb.	Juniper Berries, 1/2c lb.	Ginger, Afr., 3c lb.	
Balsam, Copaiba, S.A. 1/2c lb.	Malva Flowers, blue, 5c lb.	Hellebore, White, powd., 1 1/2c lb.	
Beeswax, ref., yel., 1c lb.	Matteo Leaves, 2c lb.	Lavender Flowers, sel., 1c lb.	
Ergot, 5c lb.	Sabadilla, powd., 2c lb.	Linden Flowers with leaves, 1/2c lb.	
	Stramonium Leaves, 1/2c lb.	Marjoram, Germ., 1c lb.	
		Nutmalls, Aleppy, 1/2c lb.	
		Peppers, 1/2c lb.	
		Pimento, 1/2c lb.	
		Stavesacre seed, 1c lb.	
		Turmeric, Madras, 1/2c lb.	

	Trend of the Market			Last Year	War Peak	Pre-War
	Today	Last Week	Last Month			
Aconite Root, USP.	\$.24	\$.24	\$.24	\$.33	\$.90	\$.42
Buchu Leaves, Short ..	.46	.46	.50	.70	4.00	.85
Cantharides Russian ..	.60	.60	.60	.85	9.00	2.10
Cocculus Indicus .....	.06	.06	.06	.08 1/2	.85	.03
Ergot, Spanish	1.25	1.20	1.15	.51	4.50	.54
Insect Powder, pure ..	.29	.29	.29	.35	1.00	.28
Ipecac, Cartagena powd ..	3.55	3.55	3.65	2.35	4.50	1.35
Nux Vomica .....	.04 1/2	.04 1/2	.05	.05 1/2	.14 1/2	.07
Opium gum	12.00	12.00	12.00	12.00	30.00	5.00
Rhubarb Root, H D ..	.35	.35	.35	.32	1.75	.15
Tragacanth, No. 1 ribbon	1.65	1.65	1.65	1.35	6.00	1.50
Wild Cherry Bk. Thin nat	.07 1/2	.07 1/2	.07 1/2	.09	.21	.07
Average	1.728	1.723	1.731	1.583	5.28	1.60

The month of March closed with a shading off of the trading noted in the early part of the month, but the amount of business transacted was generally held to compare favorably with that done during the same month last year. The last few days were reported as rather inactive although a fair amount of jobbing business was done. Price changes of importance were mostly declines, such as the lower prices noted in cinchona quills, both long and short, in powdered white hellebore root, and in blue Aleppy nutgalls. Ergot continued to advance and most holders are now quoting prices in line with replacement positions. Juniper berries also continued to advance. Prices for deertongue leaves, select elm bark, select lavender flowers, linden flowers with leaves, and a number of the spices declined. The spice market in general has been weak.

Botanical Drugs

Aconite—Steady and unchanged for both root and leaves.

Agar Agar—No. 1 ribbon is lower at \$1.15@\$1.25 lb with other varieties unchanged.

Arnica Flowers—Continue very firm at recent advance.

Balsams—Copaiba continues firm and strong with South American now up to 47c@49c lb, and Para unchanged at recent figures. Tolu is lower at \$1.05@\$1.10 with Peru and the firs unchanged.

Belladonna—Market is unchanged with both root and leaves at recent figures.

DRUG AND FINE CHEMICAL SECTION

Buchu—Shipment positions are firmer but spot prices have shown no change.

Cardamom Seed—No change seen with bleached seeds continuing scarce at unchanged prices.

Chamomiles—Roman flowers are selling at 25c@30c lb with Hungarian flowers unchanged.

Cinchona Bark—Quills are lower with the 20-inch quoted at 65c@70c lb and 10-inch quills at 60c@65c lb.

Cohosh Root—Blue cohosh is lower at 8c@10c lb with black unchanged.

Damiana—Situation remains unchanged with some goods offering at 40c@45c lb as to holder.

Digitalis—Market continues routine with prices firm and steady.

Deertongue Leaves—Lower at 17 1/2c@20c lb.

Elm Bark—Continues lower at 21c@23c lb for select bundles, with other grades still unchanged.

Ergot—Spot prices have advanced further to \$1.25@ \$1.35 as to holder. Latter figure represents replacement values.

Fennel Seed—French seed is lower at 8c@9c lb.

Hellebore—Powdered white root is lower at 10 1/2c@11c lb with other varieties and grades unchanged.

Helonias—Some reaction from recent low has taken place and the root is now quoted at 62c@95c lb as to holder.

Henna—Firm tone continues and some holders are quoting higher prices. Goods are still available, however, at 10c@11c lb for whole leaves and 13c@14c lb for powdered.

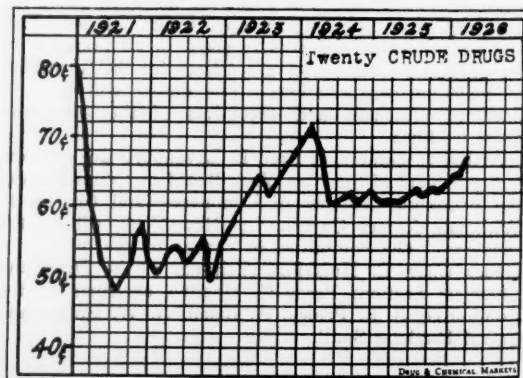
Ipecac—Lower prices have been rumored but market is generally held at recent figures for such goods as are available. Shipments arriving are not plentiful.

Juniper Berries—Firm tone noted for some time is bearing results and price has advanced to 6 1/2c@7c lb with little offering, either here or abroad.

Lavender Flowers—Selected flowers have declined further to 36c@37c lb with ordinary still unchanged.

Linden Flowers—Flowers with leaves have been forced down by the decline in price of the flowers without leaves and are now quoted at 11 1/2c@12c lb.

Lycopodium—Spot situation is reported firmer and



some holders are tending to quote 95c@\$1.00 lb. Goods are still available, however, at 90c lb.

Malva Flowers—Blue flowers are higher at 45c@50c lb with black unchanged.

Manna—Small flakes are now available at 52c@54c lb with large flakes unchanged.

Marjoram—German leaves are offered at the reduced price of 47c@49c lb with French and Chilean unchanged.

Matico Leaves—Higher at 50c@55c lb, with routine trading noted.

Nutgalls—Blue Aleppy galls are more readily procurable at 24c@25c lb.

Sabadilla—Powdered seed has been advanced to 28c@30c lb, following the recent advance in whole.

Saw Palmetto—Berries are again obtainable at 50c lb.

Soap Bark—Market is firm with some holders tending to quote higher prices for cut.

Stavesacre Seed—Lower at 24c@25c lb.

Stramonium—Leaves are higher at 13½c@14c lb with seed unchanged.

Wormseed—American seed is generally firmly held at 19c@25c lb as to holder. Recent goods offered at 14c have been withdrawn.

Gums and Waxes

Aloes—Curacao is easier at 10½c@12c lb with other varieties unchanged.

Arabic—Market is steady with some holders tending to ask 20c@23c lb for U. S. P. powdered.

Beeswax—White is easier at 59c@60c lb with refined yellow firmer at 48c@49c lb. Crude is unchanged.

Olibanum Gum—White has been temporarily scarce, but new goods have appeared and price is unchanged. No. 2 tears are higher at 17c@18c lb.

Spices

Ginger—African is lower at 11½c@12c lb with other varieties unchanged.

Mustard—Market continues quiet with prices showing no change.

Nutmegs—Prices for 110's continue to decline and are now held at 49c@50c lb.

Peppers—Market is still weak and blacks have declined further to 24½c@25c lb with whites at 34c@35½c lb. Red peppers show no change.

Pimento—Lower at 14½c@15c lb.

Turmeric—Madras is lower at 7¼c@7¾c lb with Aleppy unchanged.

P. M. Zeigler Co., for many years engaged in the wholesale and retail drug business in Reading, Pa., will discontinue on June 1 of this year. George Strickler, long general manager of the firm, intends going into the same line of business for himself, although no definite arrangements for this move have yet been completed.

Colgate & Co., won three straight games in the wholesale Drug Trade Bowling Association Tournament, Monday evening, March 22, defeating E. R. Squibb & Sons with scores of 1,009, 857, and 866. Colgate & Co., now lead the Association by five games.

Mrs. P. A. O. Archambault, daughter of the late Jean Leclair, one of the early pioneers of the wholesale drug trade in Montreal, died recently in that city.

Benjamin Freeman, president of the Penna. Wholesale Drug Co., Wilkesbarre, Pa., has just returned from his winter vacation in Havana, Cuba.

MODERN MEDICINE ADVANCING IN INDIA

Large Number of Drugs Grown Locally Present Opportunity to Make Medicines—Doctors Accepting Prepared Medicines

India has long been in the thrall of the local medicine man, who has made use of a number of herbs indigenous to that country. Recently modern medicine is making rapid strides in the urban districts and the professional doctor is by no means averse to advocating the use of prepared medicines according to Trade Commissioner Donald Renshaw, Bombay.

On account of the large number of drugs grown locally there are many opportunities to manufacture medicines on the spot; however, India depends upon foreign countries for machinery, alcohol, and coal products. These preparations are generally sold through bazaars and American manufacturers are beginning to introduce their products through the same media. India offers no unusual problems as to containers and special packing other than the usual precautions necessary for goods to be handled in tropical countries.

Credit terms are short, and as rigid as circumstances permit. Advertising is carried on through the distribution of samples, in medical journals, and in the daily press. Bright colors in advertisements appeal readily to the natives. There are no restrictions on the importation of medicines unless they contain prohibited drugs such as the alkaloids. Trade marks are generally respected whether they are registered or not. All packages must be marked with the country of origin.

Swedish domestic production of prepared medicines is very small, according to Sylvester J. Roll, Stockholm. There are about 400 drug stores in Sweden, all under close government supervision. The Swedish people are not averse to using prepared medicines and as it costs at least 10 crowns to obtain a prescription, prepared medicines are often found preferable. It is advisable for American firms wishing to introduce medicines to select a local wholesaler as their representative. This wholesaler will make out the labels, register trade marks and declare the preparation with the Swedish Medical Board. There is a preference in Sweden for medicines in pill or tablet form. Druggists are forbidden to advertise preparations.

B. & W. Co., manufacturers of wool fat products, have moved to their new plant at 526-632 North ave. East, Westfield, N. J. The company states that this new plant affords them greater facilities for the manufacture of their products and they are now running to full capacity. The factory is of brick and steel construction, two stories, and is equipped with a railroad siding. It fronts on North ave. East.

American Pharmaceutical Manufacturers Association reports that the efforts to obtain a resolution from the Chamber of Commerce of the United States in favor of price maintenance has been unsuccessful although a number of members of the Chamber have expressed themselves as in favor of this policy.

Louis Frank, vice-president and general manager of the Penna. Wholesale Drug Co., Wilkesbarre, Pa., has completed his arrangement to sail June 19 for a three months' tour of Europe. Mr. Frank will be accompanied by his wife and daughter.

Heyden Chemical Corp. Chicago Office, will be consolidated with the Norvell Chemical Corp. Chicago Office, located at 180 North Market Street, after April 1. H. C. Ellis will be in charge, and Henry Weber will travel out of Chicago, covering territory adjacent to that city.

The Essential Oil Market

Current Spot Quotations for Essential Oils, pages 970-972, Aromatic Chemicals, 973

OIL BERGAMOT ADVANCES FURTHER

Spot Price Advances With Shipment Positions, Although Trading is Not Excessive—Prices Lower on Spot for Bois de Rose, Cedar Leaf, Cumin, Eucalyptus, American Lemon, Peppermint, Spearmint Oils and for Linalool and Menthol—Trading Highly Competitive — Vanilla Beans Active and Higher

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Vanilla Beans, Mex., \$1.00 lb.	
Oil Bergamot, 50c lb.		Bourbon, 75c lb.	
Art., 50c lb.		Declined	
Oil Bois de Rose, 15c lb.		Oil Lemon, Amer., 30c lb.	
Oil Cedar Leaf, 5c lb.		Oil Peppermint, \$1.25 lb.	
Oil Cumin, \$1.50 lb.		Oil Spearmint, \$1.25 lb.	
Oil Eucalyptus, 2c lb.		Linalool, 25c lb.	
		Menthol, 5c lb.	

	Trend of the Market				
	Today	Last Week	Last Month	Last Year	War Peak
Oil Bergamot	7.00	7.00	7.00	3.50	7.00
Oil Citronella Ceylon ..	.45	.45	.48	.70	1.02
Oil Cloves	1.85	1.85	1.85	1.75	3.70
Oil Lemon, Italian	2.60	2.60	3.10	1.15	1.70
Oil Peppermint Nat	15.00	16.25	17.50	14.00	9.00
Oil Sandalwood E I ..	7.10	7.10	7.10	7.25	14.00
Oil Sassafras, Artif ..	.27	.27	.27	.35	1.00
Coumarin	3.10	3.10	3.10	3.25	31.00
Benzaldehyde, USP	1.25	1.25	1.15	1.50	5.15
Methyl Salicylate Can ..	.40	.40	.43	.47	1.00
Vanillin .....	.49	.49	.49	.49 1/2	.95
Average	3.571	3.697	4.092	3.00	6.83

Probably the chief item of interest in this market over the week has been the continued strength of vanilla beans with a consequent advance in price for most grades and varieties. Trading in the oils has shown little of interest in the way of new developments. Buying from consumers has not been active, and competition for all orders that have appeared has been rather keen. Price changes have been mainly just further developments in trends already evident for the past two or three weeks. Bergamot has continued its recent advancing tendency and has advanced further. Eucalyptus is easier with spot prices lower although shipment positions show little weakness. Geranium continues easy on spot, while a firmer tone for shipment positions is reported by New York dealers. Lemon and orange continue easy in spot position, while factors express confidence in the future of the market. Peppermint and spearmint continue to command lower prices with little buying in evidence. Linalool has been reduced in price due to the lower value of the raw material, bois de rose. Oils cedar leaf and cumin are lower in price. Citronella is reported easier in some directions although there has been no actual change in price, and shipment positions are reported firmer.

Essential Oils

Oil Almond—Prices continue unchanged with market firm and routinely active.

Oil Amber—Market is steady with price at recent decline to 35c@60c lb as to seller for the crude.

Oil Apricot Kernel—No change noted in this market with prices firm and steady.

Oil Bergamot—Although latest quotations from abroad

are lower than recently, factors feel that this is due to lack of buying here and that it indicates no actual weakness. Spot prices have further advanced to \$7.50@8.00 lb as to holder. Artificial has also advanced to \$2.50@3.25, following the price of the natural.

Oil Bois de Rose—Situation here and at the source has eased off further and the price is now down to \$3.00@3.50 lb.

Oil Cananga—Firmer tone is still in evidence and recent advance is in force and well maintained.

Oil Cassia—There has been no change since recent decline and market continues somewhat unsteady at recent figures.

Oil Cedar Leaf—Sellers profess to see a firmer tone due to developing scarcity, following over-production of last year. Prices, however, are lower at 85c@95c lb as to holder.

Oil Cedar Wood—No change is seen in this situation with goods moving well at recently established low prices.

Oil Citronella—Forward shipment positions are quoted higher from abroad, but spot prices are unchanged and open to some shading at recently reduced figures of 45c@47c lb for Ceylon and 75c@85c lb for Java.

Oil Cloves—Prices firm and unchanged with market steady.

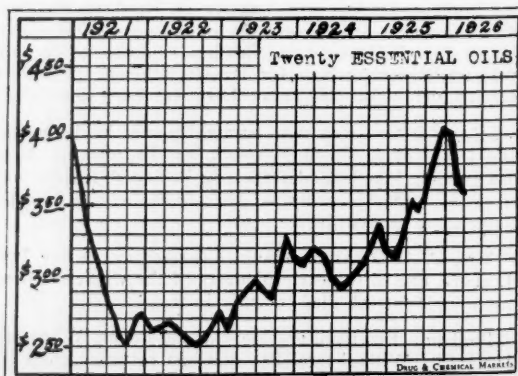
Oil Cumin—Price has declined to \$9.00@10.50 as to holder with no particular reason assigned.

Oil Eucalyptus—Australian oil is lower in all directions at 53c@54c lb in cases and 52c@53c lb in drums. Market is quiet with trading normal.

Oil Geranium—Spot market continues extremely quiet with prices unchanged. Shipment positions for Bourbon are reported firmer.

Oil Lemon—With the present pressing season almost over, and stocks admittedly smaller than in previous seasons, factors in New York are looking for higher prices before the end of the season. Spot prices are open to shading due to ability to obtain goods from weak holders in Italy at figures below present values. Italian oil is unchanged on spot while American oil is lower at \$2.60@2.90 lb.

Oil Limes—Continues firm and scarce with sellers able



to get their own prices. Nominal quotations have shown no change since last week.

Oil Orange—Market is regarded as basically firm although trading has not been active. Prices show no change.

Oil Peppermint—Falling prices continue to characterize this item with trading practically at a standstill. Some factors still express the opinion that prices would react on the appearance of any sizeable buying, while others feel that the break is real and lasting. Prices for case lots have declined to \$15.00@\$15.25 for natural and \$16.00@\$16.25 for redistilled. Drum lots are quoted nominally at \$14.50 lb.

Oil Pimento—Market continues weak with some lower prices heard but general quotations unchanged at \$4.85 @\$5.00 lb.

Oil Spearmint—Price has declined further, following peppermint to \$7.50@\$8.50 as to holder, although some holders are still unwilling to meet these figures.

Oil Wormseed—Some weakness is indicated in this market, but general price range is unchanged at \$5.75 @\$6.00 lb.

Oil Wormwood—Market is unchanged at steady prices.

Aromatic Chemicals

Benzaldehyde—Trading is reported routine with prices firm at recently established figures.

Coumarin—Prices are firm and unchanged with normal trading noted.

Diethyl Phthalate—Market is steady and unchanged with prices firm at 32c@35c lb in drums and 40c in cans.

Linalool—Following lower prices for the raw material, oil bois de rose, makers have reduced their price by 25c lb to \$5.00 lb.

Menthol—Goods are again available at \$5.65@\$5.75 lb in cases.

Methyl Salicylate—Good market reported with prices unchanged at recent decline.

Terpineol—Firm and steady at recent advance.

Vanillin—Resellers are quoting lower prices but manufacturers are firm and unchanged.

Vanilla Beans

Activity has been very good and a very firm market is reported. Prices are generally advancing and Mexican whole beans are now quoted at \$6.75@\$10.00 as to holder, with Bourbons at \$3.75@\$4.00. Other grades are not so active and prices are less susceptible to change.

The complaint against John Blocki Inc., of Chicago, Ill., and others, instigated by the Federal Trade Commission, has been dismissed upon recommendation of the Commission's chief counsel. The concern manufactures perfumes, cosmetics and toilet articles and was charged with co-operating with the other respondents in the maintenance of a specified uniform resale price plan in the marketing of the Blocki Co.'s products.

The Treasury decision providing for the payment of drawback on flavoring extracts manufactured by the Whistle Laboratory, of New York with the use of domestic tax paid alcohol, has been extended to provide for the payment of drawback on flavoring extract manufactured by that firm at St. Louis.

Venezuela, by a presidential decree has increased the tariff on perfume products including oils, toilet waters, cosmetics, pomades, dyes, tinctures, fats for the hair and skin, soaps, powders, breath pastilles, dentifrices and sachets.

LEMON OIL BREAKS IN SICILY

Following High Prices, Break Comes in Price—Exports Decline—Orange in Fair Demand—Mandarine Very Quiet—High Prices for Bergamot Bring Much Bargaining—Exports During 1925 Show Increase Over 1924

Catania, Sicily, March 16—Negotiations for the sale of lemon oil were very active during the past few weeks, both sellers and buyers doing much bargaining before coming to the settlement of orders. After a great rise in price, a certain reduction has followed through the resistance of the Italian and foreign buyers. The quality of the product offered, however, caused them to pay a good price, which remained above that of the end of January. Exports of lemon oil have fallen off somewhat, partly as a consequence of a slight fall in the value of the lira. That may be rectified during March. The production of lemon oil not being abundant, sellers did not push their sales strongly, feeling confident that they will be able to obtain a good price later on this year. The quantities of lemon oil available were reduced slightly by some of the producers, having to satisfy contracts arranged some months ago.

Sweet orange oil found a fair sale, and higher quotations were made. With bitter orange oil some orders could be booked from time to time, and its price remained close to that of the sweet product. Few sales of mandarine oil were made. The high prices demanded for bergamot oil, especially of the new production, brought much negotiation, and contracts could only be settled after a reduction of ten per cent.

Following are some of the prices quoted per Sicilian pound:

	Jan. 31 Lire	Feb. 22 Lire	March 7 Lire
Lemon oil	28-29	34-37	32-33
Sweet orange oil	33-34	38-39	34-35
Bitter orange oil	32-33	33-34	33-34
Mandarine oil	88-90	80-85	80-85
Bergamot oil	94-96	94-95	90-100

Italy exported 1,004,826 kilos of lemon oil, orange oil, mandarine oil, lime oil and bergamot oil, valued at 70,944,409 lire, during the first eleven months of 1925, against 968,548 kilos for 50,522,592 lire in 1924. The exports of citric acid in the same months were 2,643 tons, against 1,763 tons in 1924.

Oil of lemon prices at Messina, which have been advancing slowly but steadily for some time, increased considerably shortly after the first of the year according to the "Journal of Commerce." This is said to be partly due to important sales of the fresh fruit, especially to Russia, and also to the low yield of oil from the fruit of the last crop. Prices have been receding but still remain unusually high. Increase has also taken place in the price of oil of bergamot according to the same authority which states that, in the opinion of its representative this movement is entirely unwarranted, as considerable stocks of the previous crop were carried over when the new oil was ready for shipment and no shortage in the new crop has been reported.

Toilet preparations are used by men as well as by women in Venezuela in large amounts and that country offers a very good market for this commodity. Production of toilet articles in Venezuela is very small. The people of Venezuela use about 750,000 pounds of toilet preparations a year, for which they spend more than \$350,000.

Sandalwood oil factories in Bangalore and Mysore during the year 1925 sold 166,294 lbs. Somewhat more than this amount was manufactured during the year.

Cooper's C. P. ACIDS are uniform **MURIATIC - SULPHURIC - NITRIC**

In Bottles. In Carboys.

Used for 68 years in Plants and Laboratories because Cooper C. P. Acids are manufactured to conform to the most exacting specifications of advanced laboratory science.
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CERTIFIED
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A SAFE SOLVENT *for the extraction of vegetable oils*

VEGETABLE OILS are generally obtained by subjecting oil-bearing seeds to high pressures, although it is recognized that complete recovery cannot be effected by this method because a certain amount of oil remains in the press-cake.

Attempts to extract the oil with solvents have generally failed because of

serious fire hazards, or, if non-flammable solvents were used, because of excessive corrosion of equipment.

Ethylene Dichloride has neither of these disadvantages and is now available at reasonable cost. It has only one-fourth the fire hazard of the usual flammable solvents and is non-corrosive under normal operating conditions.

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Chemicals

ACID			ACID			ACID		
MURIATIC, 20° chys lc-1			Picric, 450 lb coils	.30	.33	Valeric, CP, 10 lb bot	2.50	2.75
Wks	1.60	1.70	Pyrogallie, crys., 5 lb cans	1.25	1.30	Aconitine Alk., crys., 1 oz vis.	.30	30.00
Chys, c-1 wks	1.35		Resublimed, 5 lb cans	1.50	1.60	Amorphous 1 oz vis	.02	20.00
Tank cars, wks	1.00		Tech., powd., 200 lb bbls	.85		Adeps Lanas hydrous 350 lb bbls	.20	.21
18° 120 lb chys			Salicylic, tech., 125 lb bbls	.33	.34	Anhydrous, 350 lb bbls	.22	.23
c-1 wks	1.25		USP, 100 lb bbls	.34	.35	Albumen, Egg, edible	1.02	1.10
Tank cars, wks	1.00		Second hands	.33 1/2	.34 1/2	Tech., 100 lb drs	1.01	1.03
22° 120 lb chys			Sulfanilic, 250 lb bbls	.15	.18	Blood 225 lb bbls	.55	.60
c-1 wks	1.75		SULFURIC, 66° 180 lb chys			Vegetable edible	.60	.65
Muriatic, CP, & USP, see Acid Hydrochloric			lc-1 wks	1.50	1.85	Technical	.50	.55
Naphtholite, tech., 250 lb bbls	.55	.59	Chys, c-1 wks	1.25		ALCOHOL, amyl See Fusel Oil		
Neville & Winter's 250 lb			1500 lb Drums lc-1			Benzyl, 5 lb bot	1.45	1.55
bbls	.95	.99	wks	1.10		Butyl 50 gal drs wks c-1	.19	.20
NITRIC, 38° 135 lb			Drums c-1 wks	.80		Drums, lc-1 wks	.19 1/2	.20 1/2
Chys lc-1 wks	5.00		Tank cars, wks	14.00		Tanks cars wks	.18 1/2	.19 1/2
Chys c-1 wks	4.75		60° 1500 lb drums			Ethyl, USP, 190 pt 50 gal	4.75	4.80
38° lc-1 wks	5.50		lc-1 wks	1.00		bbls	.60	.65
Chys c-1 wks	5.25		Drums, c-1 wks	.75		Export	.60	.65
40° lc-1 wks	6.00		Tank Cars, wks	10.00		Anhydrous drums c-1	.68	
Chys, c-1 wks	5.75		Oleum, 40% drs lc-1 wks	40.00		Cologne Spirit, 50 gal bbls gal	4.85	4.90
42° lc-1 chys, wks	6.50		Oleum, 60% drs, lc-wks	60.00	70.00	Denatured		
Chys, c-1 wks	6.25		USP, 175 lb chys	.07	.08	No. 1 complete denat., 190 pt		
CP, chys single wks	.12	.13	Oleum 20 pc 1500 lb drums			50 gal bbl incl	.35	.49
Oxalic, 300 lb bbls, wks	.10 1/2	.11	lc-1 wks	1.40		Carlota	.32	.42
Phos., NY	.10 1/2	.11	Drums, c-1 wks	1.15		50 gal drums extra	.32	.42
Keps, 100 lb NY	.11 1/2	.11 1/2	Tank cars, wks	17.00	18.00	Tank cars	.30	.40
Imp., 560 lb casks	.11 1/2	.11 1/2	Oleum, 40% drs lc-1 wks	40.00		No. 1 Special denat. 190 pt		
Phenylchloronitric	5.00	5.25	Oleum, 60% drs, lc-wks	60.00	70.00	50 gal bbl incl	.35	.44
Phosphoric, 50% tech., 150 lb			Sulfurous, USP 6% 100 lb chys	.05	.06	Carlota	.32	.42
Chys	.07	.07 1/2	4% 100 lb chys	.04	.05	50 gal drums extra	.32	.42
Spry USP, 70 lb drums	.15	.16	USP, 5 gal dems	.06	.08	Tank cars	.30	.40
Dems	.16	.17	Tannic, tech., 300 lb bbls	.30	.40	No. 5, Complete denat. 190 pt		
Imported	.15	.16	USP, powd., 200 lb bbls	.75	.80	50 gal bbl incl	.35	.49
Second hands	.15	.16	USP, fluffy, 50 lb bbls	.75	.80	Carlota	.32	.42
Phthalic, see Phthalic Anhydride			Tartaric, USP, crys., 300 lb bbls	.29	.28 1/2	50 gal drums extra	.32	.42
Picramic, 300 lb bbls	.50		USP, powd., 300 lb bbls	.28	.28 1/2	Tank cars	.30	.40
			Imp., USP, 240 lb bbls	.28	.28 1/2	No. 6, Complete denat. 190 pt		
			Powd., 240 lb bbls	.28	.28 1/2	No longer manufactured		
			Tobias, 250 lb bbls	.85				
			Tungstic, 100 lb kegs	1.00				

MECCO

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G17 179

Chemicals

ALCOHOL (Cont'd)

In addition to the regular authorized formulae for completely denatured alcohol, some 75 formulae for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.

Diacetone, 50 gal dra. fight. allowed	3.15	: 3.30
Isobutyl, crude 50 gal dra. gal	...	...
Refined, 100 bbl cases	...	...
Isopropyl, refined, 90-91%, 50 gal dra	1.00	: 1.25
Ref'd 98-99% dra	1.25	: 1.50
Phenylethyl 1 lb bot., dom	8.00	: 10.00
Propyl, nml., 50 gal dra	...	: 1.00
Aldehyde Ammonia 100 gal drums	.80	: .83
Alotin, USP, 100 lb cases	.85	: .88
Alpha-Naphthol crude 300 lb bbls	...	: .85
Refined	.85	: .90
Alpha-Naphthylamine, 350 lb bbls	.85	: .87
Ton lots bbls wks	...	: .35
ALUM, Ammonia, lump 400 lb bbls	...	...
wks, le-1	3.15	: 3.50
Ground, 400 lb bbls wks	3.25	: 3.65
Powd., 380 lb bbls wks	3.55	: 3.90
Chrome, 500 lb cks, wks	5.25	: 5.50
Potash, lump 400 lb bbls	...	...
wks	3.50	: 3.75
Bbls, e-1 wks	3.35	: 3.40
Imported lump	...	: 3.35
Ground, 400 lb bbls wks	3.50	: 3.85

ALUMS, Potash (Cont.)

Imp., 850 casks	2.65	: 3.00
Powd., 380 lb bbls wks	3.50	: 4.00
Chrome, 500 lb casks wks	5.25	: 5.50
Ord., 400 lb bbls, wks	...	: 3.75
Bbls e-1 wks	...	: 3.50
Aluminum metal, e-1 NY	28.00	: 29.00
Chloride, anhyd., 275 lb dra	.35	: .40
Crystals, 375 lb bbls	...	: .08%
30% sol. 120 lb cys	.03%	: .04
Hydrate 96% light 90 lb bbls	.17	: .18
Heavy 62-64% 220 lb bbls	.06	: .06%
400 lb bbls wks	.08%	: .07
Stearate, 100 lb bbls	.23	: .24
SULFATE, Iron-free bags e-1	...	...
wks	2.00	: 2.10
Bbls e-1 wks	2.15	: 2.25
Imported, spot	1.80	: 1.85
Comm'l 1/2% iron bags e-1	...	...
wks	1.40	: 1.40
Cont. bags e-1 wks E	1.35	: 1.40
Bags, e-1 wks W	...	: 1.40
Bbls, e-1 wks E	...	: 1.55
Bulk e-1 cont. wks E	...	: 1.50
Amidol (See Diaminophenol)	...	...
Amidopyrine, Imp., 10 lb bbs	4.60	: 5.00
Domestic 10 lb boxes	4.60	: 4.75
Aminonobemene, 110 lb kgs	...	: 1.15
AMMONIA, anhyd 100 lb cys	.13	: .15
Water 26° 800 lb dra del	.03%	: .04
Dra. e-1 delivered	.03	: .03%
Tanks	.02%	: .03
CP, cys	...	: .10

Ammonium Acetate, 100 lb kgs	...	: .43
Benzoate, USP, 1 lb bot	...	: 1.27
Bifluoride, 300 lb bbls	.21	: .23
100 lb kgs	.22	: .23
Bromide, 450 lb bbls 60 lb bbs	...	: .55
Imported, 112 lb boxes	.50	: .52
Carb., tech., 500 lb cases	.08%	: .09
Powd., tech., 550 lb cks	.07%	: .07%
USP, lump, 100 lb kgs	.11	: .11%
Powd., 100 lb kgs	.13	: .13%
Second hands	.11	: .11%
Chloride, Domestic	...	...
White, 250 lb bbls e-1	...	: .06
250 lb bbls le-1 wks	.06%	: .06%
Imported white 600 lb cks	.05%	: .05%
CP, USP., gran bbls	.13	: .13%
Gray, 250 lb bbls, wks	.07%	: .08
Bbls, e-1 wks	...	: .07
Imported gray 550 lb casks	.08%	: .08%
Lump, 500 lb casks, spot	.11	: .11%
Ichthyolate, as to brand	4.85	: 5.00
Iodide, USP, 25 lb jars	...	: 5.20
Lactate, 500 lb bbls	.15	: .16
Refined Crystals bbls	...	: .20
CP gran., 100 lb kgs	.35	: .37
Oxalate, pure 100 lb kgs	.35	: .37
Persulfate, 112 kgs	.25	: .30
Phosphate, dibasic 200 lb bbls	...	: .38
Mono, 325 lb bbls	.13	: .13%
Tri basic 325 lb bbls	...	: .04
Salicylate USP, 100 lb kgs	.75	: .80
Sulfate bulk e-1	...	: 2.90
Southern points	...	: 2.95
200 lb dbl.bgs f.a.s.	...	: 2.75
Sulfate-Nitrate, bulk fob NY Unit	...	: 2.29
Sulfoeyanide, tech., 100 lb kgs	.40	: .45
CP, 25 lb jars	.50	: .55
Amyl Acetate, tech., 50 gal dra gal	1.90	: 2.00
Refined, 50 gal drums	2.40	: 2.50
Alcohol see Fuel Oil

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Chemicals

.43	Amyl Butyrate absolute cans	1.20	1.30	BARIUM BINOXIDE, see Barium dioxide	Benzidine Base, dry 250 lb bbls	.72	.74
1.27	ANILINE OIL, 960 lb drums	.16	.17	Bromide	Benzidine Sulfate, paste 350 lb		
.23	Hydro Bromide		.75	Bromate	bbls	.68	.70
.52	Aniline Salt, 200 lb bbls	.23	.24	Carbonate, precip., 300 lb bbls	Benzol, see Benzene		
.09	Anatase, fine	.41	.48	wks	Benzonaphthol, 5 lb boxes	3.50	3.60
.07%	Anthracene 80-85% 600 lb cases		.65	Prescp., 200 lb bags, wks ton	Benzoyl Chloride, 500 lb drs		1.00
.11%	wks	.60	.65	Imports bags NY	Benzoyl Acetate 100 lb chys	1.30	1.40
.13%	Anthraquinone, sub 125 lb bbls	.95	1.00	Chlorate, 112 lb kegs NY	Benzoate, bulk	1.15	1.35
.11%	Antimony metal, slabs, tons lots	.19	.19%	Chloride, 800 lb bbls wks ton	Medicinal PFC	1.75	2.00
	Needle powd., 100 lb cases	.21%	.22	200 lb bags, wks ton	Chloride 95% tech., 925 lb drs		.25
	Bromate		1.50	Imports, large crystals, bbls	100 lb chys	.25	.30
.06%	ANTIMONY CHLORIDE, anhyd 1000 lb			Dioxide, 88% 690 lb drs	Redistill. 160 lb chys	.30	.35
.05%	drs	.76	.17	Import, 86-88% 400 lb drs	Formate, 1 lb bot	3.25	3.50
.13%	50 lb casks	.45	.48	Hydride, 500 lb bbls	Berberine Hydrchloride, 1 lb bot		22.50
.08	Sol'n 130 lb carboys 48°		.17	Iodide, 5 lb box	Sulfate, acid or neut. 1 lb bot		22.00
.07	Oxide, 500 lb bbls	.19	.20	Nitrate, 700 lb cases	BETA-NAPHTHOL, 350 lb bbls wks		.24
.08%	Sulfuret golden 250 lb bbls	.15	.16	Imports cases	Carlots wks		.24
.11%	Crimson 250 lb bbls	.25	.27	Sulfoeyanide 600 lb bbls	Sublimed	.53	.60
5.00	Vermillion, 250 lb bbls		.37%	Barytes, floated 350 lb bbls wks ton	Beta-Naphthylamine, tech., 200 lb		
5.20	Tartrolacate, 500 lb bbls		.45	Imported	bbls	.63	.67
.16	Tribromide		1.05	Cruite, c.i.f.	Sublimed, 200 lb bbls		1.35
.20	Antipyrine USP, 100 lb cases	1.75	1.90	Bay Rum, Potto Rice, genuine	Bichloride Mercury, see Mercury Bichloride		
.37	Second hands	1.70	1.75	Medicated salicyl. acid or tartar	BISMUTH metal, 100 lb cases		3.35
.37	Aspermorphine Hydrchloride, 3/4 oz vls oz		22.10	45 gal bbls	Second hands	2.95	3.00
.30	Arehll, double 600 lb bbls	.13	.14	Medicated quinine sulf., 45 gal	Ammon. Citrate, USP, 5 lb cans	5.75	5.80
.38	Triple, 600 lb bbls	.16	.17	bbls	Betanaphtholate, 5 lb bxs.	3.30	3.35
.13%	Cone, 600 lb bbls	.18	.20	Domestic synthetic, 50 gal	Citrate, USP, 5 lb cans	3.00	3.05
.04	Areoline Hydrobromide, 1 oz vials	8.75	10.25	Bbls	Chloride	3.55	3.60
.90	Argols, red powd., 350 lb bbls	.06%	.07	St. Thomas	Hydride	3.40	3.45
2.90	Arsenic metal 220 lb kegs	.45	.50	Medicated salicyl. acid or tartar	Nitrate, 25 lb jars	2.05	2.10
2.95	Red, 224 lb kegs cases	.11%	.12	emetic 50 gal bbls gal	Oxide anhyd	3.80	3.85
2.75	White 220 lb cases to 550 lb			Benzaldehyde, tech., 945 lb drs.	Oxychloride, 25 lb cans	9.50	9.55
2.20	Bbls NY	.03%	.03%	wks	Phenolsulfonate, 5 lb cans	3.05	3.10
.45	Asbestine, c-1	16.60	18.00	USP, 40 lb chys	Salicylate, 25 lb bxs	1.95	2.00
.55	le-1	20.00	22.00	PFC, 40 lb chys	Subcarbonate, USP, 25 lb bxs	3.45	3.50
2.00	Aspirin, see Acid acetylsalicylic			BENZENE	X-Ray diag 1 lb bot	3.80	3.85
2.50	Atropine Alk., USP, 1 oz vial	6.50	7.50	Comm. 90% 8,000 gal tks wks gal	Subgnallate, USP, 25 lb bxs	2.80	2.85
	Sulfate, 5 oz cans		3.50	Non-Corrosive 90% tks wks gal	Subiodide, 5 lb lots	4.65	4.70
	Single ounce		3.65	Commercially pure tks wks gal	Subnitrate, USP, 25 lb jars	2.85	2.90
				Non-Corrosive pure tks wks gal	Second Hands	2.75	2.80
				Nitration tks wks	Cones, 1 lb bot	3.85	3.90
				Drum lots 5c gal higher	Subsalicylate, USP, 25 lb bxs		8.55

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THE SELDEN COMPANY
Pittsburgh, Pa., U.S.A.

Chemicals

BISMUTH (Continued)			Butter of Antimony, see Antimony Chloride			CAMPOR (Cont'd)		
above on basis 25 lb lots			Butyl Acetate, tank cars, wks gal	1.55		2 1/2 lb slabs, 100 lb cs	.85 1/4	
Smaller lots at an advance			Drums e-l wks	1.57		1 lb cakes, 100 lb cs	.85 1/4	
Tri-Bromophenol	4.00		Drums le-l wks	1.60		1 sq. tab., 1 lb ctms.		
Blanc Fixe, dry 400 lb bbls wks ton	80.00	90.00	Aldehyde, 50 gal drums wks	.70		100 lb cs	.90	
Imported, bbls	70.00	72.00	Propionate drums	2.40	2.50	Jap. ref., 2 1/2 lb slabs, 100 lb		
Paste, 650 lb bbls e-l	55.00	65.00	Tartrate, drums	.57	.60	cs	.79	.80
BLEACHING POWDER, 700 lb drums			CADMIUM, metal 100 lb bbs			Powd.		.77
e-l wks contract	100 lb	2.00	Bromide, 50 lb cases jars wks	1.15	1.20	1 oz. tab., 100 cs	.10	
le-l wks contract	100 lb	2.15	Iodide, 10 lb bot		4.45	oz		.84
e-l spot wks	100 lb	2.10	Sulfide cs	1.20	1.25	1/2 oz. tab., 100 lb cs, 1 lb		
le-l spot wks	100 lb	2.25	CAFFEINE ALK., USP, 5 lb cans			tins		.85
le-l spot ex-warehouse, 100 lb	2.35	2.50	Second Hands	3.40	3.50	Crude, 100 lb cs	.54	.58
800 lb drums e-l, wks contract	100 lb	2.25	Citrated, 25 lb cans	2.70	2.85	Camphor, liniment, bbls	2.25	2.30
e-l spot wks	100 lb	2.35	Hydrobromide, 1 lb bot	4.65	4.90	Camphor Monobrom., 100 lb cs	1.85	1.90
le-l wks contract	100 lb	2.40	Hydrochloride, 1 lb bot	6.05	6.55	Caramel, 50 gal bbls	.65	.70
le-l spot wks	100 lb	2.50	Sulfate, 1 lb bot	5.40	5.90	Carbazol, 250 lb bbls		.15
Blood dried f.o.b. NY	unit	3.85	CALCIUM, Acetate, 150 lb bps e-l			Carbon Bisulfide, 500 lb drsle-LNY	.06	.06 1/4
Chicago	unit	3.75	100 lb			e-l drums, NY		.05 1/4
S. Am. Shipment	unit	3.50	Arsenate, 100 lb bbls e-l wks	.06	.06 1/4	Carbon Black, e-l wks bps		.08
Blues, bronze Chinese, Milori			Bromate		1.50	100-300 lb cases le-l NY		.12
Blue Vitriol, see Copper Sulfate			Bromide, 100 lb cs		.60	Decolorizing 40 lb bps e-l	.08	.15
Bone 3 & 50 grateam Chgo. ton		30.00	Carbide 220 lb dr. e-l wks	.05 1/4	.06 1/4	90 lb drums e-l	.08 1/4	.15 1/4
Imp.		35.00	Carbonate tech., 100 lb bags			Carbon Dioxide, Liquid, 20-25 cy		.08
Raw, NY		34.00	e-l	1.00	1.10	Tetrachloride, 1400 lb drs del	.06 1/4	.07
Bone Ash, 100 lb kegs	.06	.07	USP, precip., 175 lb bbls		.06 1/4	Drums e-l delivered		.08 1/4
Black, 200 lb bbls		.08 1/4	Chloride, solid, 650 lb drs e-l					
Borax, crys., 400 lb bbls	.05 1/4	.05 1/4	f.o.b. wks	21.00	23.00	Carmine, No. 40, 5 lb boxes	5.00	5.25
Powdered, 300 lb bbls	.05	.05 1/4	Imp., Shipment		19.50	Casein, edib., 100 lb keg	.45	.65
Keps., 100-150 lb	.05 1/4	.06	Flake, 375 lb drs, e-l drs. f.o.b.			Tech., 200 lb bbls	.18	.13 1/4
Bordeaux Mixture, 16% pd	.11 1/4	.13	wks		27.00	100 mesh	.14 1/4	.17
Paste, bbls	.08	.10	Anhyd., 350 lb drs f.o.b. NY	.18	.20	Castor Oil, USP, 50 gal bbls	.17	.17 1/4
Borneol, see Aromatic Chemicals			Glycerophosphate, 250 lb bbls		1.40	Cases, 80 lb 2 tins	.18	.18 1/4
British Gum com e-l	100 lb	4.27	Hypophosphite, USP, 25 lb cans	.60	.65	Tech., see Fixed Oils		
le-l	100 lb	4.37	Iodide, 5 lb bot		4.35	Caustic Potash, see potash, caustic		
Bromide, see potash bromide etc.			Lactate, tech., 600 lb bbls		.35	Soda, see soda, caustic		
Bromine, bot. in 50 lb cs. wks	.45	.47	USP	.50	.60	Cellulose Acetate 100 lb cases	1.55	1.65
Bromobenzene, 600 lb drums		.50	Nitrate, 220 lb bbls e-l NY ton		52.00	ton lots		1.50
Bromoform, USP, 5 lb bot cs	1.65	1.85	Phosphate, tech., 450 lb bbls	.09	.10	Cerium Oxalate, USP, 100 lb kegs	.33	.35
Brucein Alkaloid, 100 cs		.10	Phosphate, mono, 325 lb bbls	.67	.68	Chalk, drop 175 lb bbls	.03	.03 1/4
Sulfate, 100 cs		.10	Stearate bbls	.23	.25	Precip., light 250 lb bbls csks		.04 1/4
Second hands		.08 1/4	Sulfocarbonate, 100 lb kegs	.55	.57	Precip. heavy 560 lb csks	.02 1/4	.03 1/4
			CAMPOR, Amer., ref., 250 lb			Bulk	5.00	
			bbls		.84	Precip. English, 7 lb bags		.08 1/4
						Precip. heavy 560 lb csks	.03 1/4	.03 1/4



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Chemicals

CHARCOAL			Chrysarobin Powd., 400 lb bbls lb	...	3.50	Colchicine alk., USP., 1 oz vial oz	...	20.00
Hardwood, lump, bulk wks	bu	.18	Cinchonine alk., powd., 1000x tins oz	...	.38	Salicylate 1 oz vial	...	35.50
Spot, NY	bu	.24	Crystal	...	.65	Colloidon, USP., 30 lb drums lb	...	.23
Wood, powd., 100 lb bbls lb	...	.04	Cinchonidin Sulfate, 1000x tins oz	...	.35	600 lb drums	...	.22
Willow, powd., 100 lb wks bbls lb	...	.06	Rosale, 1000x lots	...	.32	Flexible, drums	...	.24
Charcut, clarified, 25% tins, wks lb	...	.01%	Cinchonine alk. powd., 1000x tins oz	...	.38	COPPER metal electrolytic c-l	...	
Bbls, wks	...	.02	Crystal	...	.43	NY	...	13.87 1/2 : 14.00
Powd., 60% 100 lb bags wks lb	...	.05 1/2	Sulfate 100 oz tins	...	.25	Lake c-l NY	...	14.00 : 14.12 1/2
Decolorized bags wks	...	.06 1/2	Citric Acid, see Acid Citric	...		Casting c-l NY	...	13.75
China clay, Dom bulk wks	ton	6.00	Citricine Ointment, See Mercury	...		Carbonate 400 lb bbls	...	.16 1/2 : .17 1/2
Washed & Ground wks	ton	11.00	Coal Tar, See Tars	...		Chloride, 250 lb bbls	...	.28
Imp., Fuller Clay	ton	15.00	Cobalt metal, 100 lb kegs	...	2.50 : 3.00	Cyanide, 100 lb drs	...	.48 : .50
Coating	ton	20.00	Cobalt Oxide, 500 lb bbls	...	2.00 : 2.10	Iodide 5 lb bot	...	.565
Chinoidin, 140 lb drs	...	.40	10 lb tins, 200 lb cases	...	2.20	Oxide, red 1000 lb bbls ton lots lb	...	.16 1/2 : .17
Chloral Hydrate, USP, 100 lb drs lb	...	.60	COCAINE , alk., USP., 1 oz vial oz	...	10.57	Sub-Acetate, verd 440 lb bbls lb	...	.20 : .21
25 lb jars	...	.68	Hydrochloride, USP—1 oz vials	...		SULFATE crys., 450 lb bbls lb	...	
Chloramine USP 200 lb bbls lb	...	1.75	In 1/2 oz vials	...	8.07	spot	...	4.60 : 4.80
Chloroform, 5 lb bot	...	.55	In crystals, granular, powder,	...	8.50	Carlots bbls spot	...	4.37 1/2 : 4.50
Chlorhydrin, Ethylene anhyd., 600 lb drums	...	.75	or flaky crystals as desired	...		Carlots bbls FOB NY 100 lb	...	4.45 : 4.50
40% sol'n., 100 lb clys lb	...	.25	Cocoa Butter, bulk, 200 lb bales	...		Powdered, 350 lb 5 bbls 100 lb	...	5.60 : 5.65
CHLORINE , Liquid, tank or multi-unit car wks contract	...	.04	c-l	...	.31	Copperas bulk c-l NY wks	...	12.00 : 13.00
Tank car spot wks	...	.04 1/2	Fingers, cakes, etc., 12 lb bxs lb	...	.37	200 lb bgs. c-l wks	...	15.00 : 16.00
Carlots cyl. wks, contract	...	.05 1/2	CODEINE , alk., oz. vials 10 oz	...	9.87	400 lb bbls c-l wks	...	16.00 : 17.00
Spot, wks	...	.05 1/2	lots	...		Powdered bbls	...	1.90 : 2.00
lc-l cyl. wks, contract	...	.08	Hydrobromide, 1 oz vials, 10 oz	...	7.92	Sugar, 400 lb bbls	...	1.25 : 1.35
Spot wks	...	.08 1/2	lots	...	7.92	Corn Syrup, 42 deg., 50 gal	...	
Chlorobenzene, mono 100 lb drs	...	.07	Hydrochloride, 1 oz. vials, 10 oz	...	7.42	bbls	...	3.31
wks lc-l	...	.07	lots	...	7.42	43 deg. 50 gal bbls	...	3.36
CHLOROFORM USP., 50 lb drs lb	...	.30	Nitrate, 1 oz vis. 10 oz. lots oz	...	8.87	44 deg. 50 gal bbls	...	3.43
Second Hands, 650 lb drs lb	...	.25	Phosphate, 1 oz. vials, 10 oz	...		45 deg 50 gal bbls	...	3.50
Technical, 1,000 lb drums	...	.20	low	...	7.42	Corn Sugar, see Glucose	...	
Chlorophyll Oil Sol.	...	3.75	Salicylate 1 oz vials, 10 oz	...	7.42	Cotton Soluble, 100 lb bbls wet lb	...	.40 : .42
Water Sol.	...	3.75	lots	...	7.42	Cottonseed, Meal 7%	...	34.00 : 35.00
Chromium Acetate 20° sol'n. 400 lb bbls	...	.05 1/2	Sulfate, 1 oz vis 10 oz lots oz	...	7.92	Coumarin, 25 lb tins 100 lb	...	3.10 : 3.25
Fluoride, Powd., 400 lb bbls lb	...	.37	Small sizes, 1/4 oz vials, 50c ex.	...		CREAM TARTAR , USP., 300 lb	...	.22 : .22 1/2
Oxide, Green bbls	...	.34 1/2	1/4 oz 30c extra, single 7c ex.	...		bbls	...	.21 : .21 1/2
Chrome Green, C.P.	...	.26 1/2	per oz.—25 oz lots, 10c oz	...		Imp., powd., USP., 224 bbls lb	...	.40 : .42
Comm.	...	.06 1/2	cheaper than above. Less than	...		Cresote, USP., 42 lb clys	...	1.70 : 1.80
Chrome Yellow	...	.16	10 ozs. 15c oz higher than above.	...		Carbonate, 100 lb., 50 lb., lb	...	.20 : .21
			CODLIVER OIL , Norwegian, 30 gal bbls	...	32.00 : 34.00	Cresote Oil, Neutral, 50 gal drums gal	...	.25 : .26
						10-15% Tar acid28 : .29
						25-30% Tar acid20 : nom.
						Cresol, USP., 400 lb drums17 : .18
						Cudbear, English	...	

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Chemicals

Cutch Bangoon 100 lb bales .. D	..	.22	Divi Divi Extract	D	.04	: nom.	Ethylene Glycol	D	.30	: .40
Tablets, 120 lb boxes D	.13	: .14	Feds, bags ship	ton	40.00	: 42.00	Tri Chloride	D	.10	: .10%
Borneo solid, 100 lb bales .. D	.05½	: .05%	Dover's Powder USP., 5 lb tins D	..	2.50	: 2.50	Ethylideneaniline	D	.62	: .65
Cyanamide, bulk c-1 wks Amm unit	1.90	: 2.05	Duboisine Sulfate, 1 oz vial ..	..	80.07	: 80.07	Eucalyptol, 25 lb cans	D	..	: .90
Imp	2.00	: 2.30	EARTH, Diatomaceous, see Kieselguhr				Feldspar, bulk	ton	20.00	: 25.00
Cyclohexanol, see Hexalene			Egg Yolk, 200 lb cs	D	.53	: .55	FERRIC CHLORIDE, tech., crys.			
Cymene, See Para-Cymene			Emetine alk., 15 gr., vls .....	..	1.65	: 1.65	475 lb bbls	D	.05	: .06
Dextrin, white corn 140 lb bgs			Hydchilde, USP., 1 oz vial ..	..	25.00	: 25.00	Imported	D	.04½	: .05
c-1	100 lb	..	15 gr. vials .....	..	..	.82	C.P. crys. 100 lb kegs	D	..	: .19
bags c-1	100 lb	..	EPSOM SALT, tech., 300 lb bbls				Imported	D	.06	: .06½
Canary	100 lb	..	NY .....	..	2.15		Neut. Sol'n., 42° 140 lb chys D	..	.06½	: .07
bags lc-1	100 lb	..	Bbls c-1 NY .....	..	2.00		46° 140 chys	D	.08	: .08½
Potato, white, 220 lb bags lc-1b	..	.08½	100 lb c-1 NY	100 lb	1.50	: 1.75	USP., Sol'n., 125 lb chys ..	D	.06½	: .07
Yellow, 220 lb bags	D	.08½	Imp., 220 lb bgs c-1 .....	..	2.50		Bromide, solution	D	..	: .55
Tapioce, 200 lb bags lc-1 D	..	.07%	USP., 200 lb bbls 10 bbls 100 lb	..	1.97½	: 2.00	Ferrous Bromide, sol'n.	D	..	: .55
DIAMINOPHENOL, 100 lb kegs D	..	3.80	See hands	100 lbs	2.00	: 2.25	Chloride, crys. tech. 475 lb bbls D	..	.05	: .06
Dimyl Phthalate, drums wks gal	3.70	: 4.00	Carlota, bbls kegs 100 lb	..	1.85	: 1.90	Sulfide, 1000 lb bbls	100 lb	2.50	: 3.00
Dianisidine, 100 lb kegs	D	3.25	Imported, 400 lb bbls 100 lb	..	6.00	: 6.30	Fish Scrap, dried wks	unit	nom.	: nom.
Dibutyl Phthalate, wks	gal.	3.15	Ergotin, Bonjean, 1 lb jars .....	..	30.07		Acid Bulk 7 & 3½, Deliv.		4.75	: 10
Dibutyl Tartrate, 50 gal drums D	..	.65	Eserine alk., 1 oz vial .....	..	24.00	: 24.50	Norfolk & Balt basis	unit	4.75	: 10
Dichlorobenzene, 1000 lb drs ..	D	.06	Sulfate, USP. VIII, 1 oz vial ..	..	30.00		Flake-White, see lead white			
Dichloromethane, Drums wks ..	D	.23	ETHER, USP., 55 lb drums	D	.16		Flavine Lemon 55 lb cs	D	.90	: .95
Diethylamine, 400 lb drs	D	2.15	Anaesthesia, 55 lb drums	D	.19		Orange 70 lb cs	D	.85	: .90
Diethylaniline, 850 lb drs	D	.55	USP., 1880 55 lb drums	D	.37		Fluorspar, 95% 220 lb bags ex-	..	25.00	
Diethyl Carbonate, drums	gal	1.85	Washed, 55 lb drums	D	.30	: .32	dock	ton	..	: 33.50
Diethyl Phthalate 25 lb cans ..	..	.40	Motor 1 lb bottles	D	.90	: .95	96% bgs	ton	..	: 35.00
1000 drs	D	.32	Ether, Nitrous, 1 lb bot .....	..	1.05		98% bgs	ton	..	: 35.00
Diethyl Sulfate tech., 50 gal drs D	..	.20	Ethyl Acetate, 99% 50 gal drs gal	..	.83		FORMALDEHYDE, USP., 400 lb bbls			
C.P. drums	D	.40	85% Ester, 10 gal drs gal ..	..	.80		c-1 wks	D	.09	: .09½
Digitalin, Pure, 1 oz vial .....	..	15.00	Carlota, drums	gal.	.78		Carboys 100 lb lc-1 wks	D	..	: .10%
high test .....	..	15.00	Tank cars	gal.	1.00	: 1.10	Bbls 400 lb lc-1 wks	D	.09½	: .09%
Dimethylamine, 400 lb drs	D	.30	Aceto Acetate drums wks	D	1.05	: 1.10	Formaldehyde Aniline 100 lb drums D	..	.39	: .42
Dimethylaniline 840 lb drs wks D	..	.45	Benzyl Aniline, 300 lb drs	D	.50		Fossil Flour	D	.02½	: .04
Dimethylsulfate, 100 lb drs ..	D	.15	Bromide, 115 lb drs	D	1.10	: 1.20	Formaniline	D	.38	: .40
Dinitrobenzene, 400 lb bbls	D	.18	Butyrate cans	D	.26	: .35	Imported 230 lb bags NY	ton	35.00	: 40.00
Dinitrochlorobenzene, 400 lb bbls D	..	.18	Chloride, 200 lb drs. 15 lb cyl. D	..	4.00	: 4.15	Furfural, 500 lb drums	D	..	: .20
Dinitrochlorine, 300 lb bbls	D	.32	Lactate drums wks	gal	.30	: nom.	Carlota	D	..	: .17½
Dinitronaphthalene, 350 lb bbls D	..	.31	Methyl Ketone, 50 gal drs	D	.45	: .55	Fusel Oil, 10% Impurities drs gal	..	1.40	: 1.50
Dinitrophenol, 350 lb bbls	D	.15	Morphine, see Morphine, Ethyl	..	.75	: .80	Refined	D	.20	: .22
Dinitrotoluene, 300 lb bbls	D	1.05	Oxalate drums wks	D	.25	: .30	Crystals, 100 lb boxes	D	.09	: .10
Dioxin, see Morphine, Ethyl			Ethylene Bromide, 600 lb drs ..	..	.15		Liquid, 51°, 600 lb bbls	ton	30.00	: 32.00
Dicthotolylguanidine, 275 lb			Chlorhydrin, anhyd. 50 gal drs D	..	.48	: .50	Fuatic, sticis	D	.04	: .05
bbls, wks	D	.85	40% Solution, 50 gal bbls D	..	.15		G SALT, paste 360 lb bbls basis			
Diphenylamine	D	.85	Dichloride, 50 gal drs	D	..	: .10	Gall extract	D	.20	: .21
Diphenylguanidine, 5,000 lbs.			Tank cars	D	..					
100 lbs.	D	.85								

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Gambier 25% liq., 450 lb bbls D	.12	.14	Halazone 5 lb bot	2.75	3.25	Iodine Tinct., USP, 50 gal bbl gal	4.85
Common 200 lb cases	.19½	.30	HEMATINE, Paste, 500 lb bbls D	.09	.12	Carboys	4.90
Singapore cubes, 150 lb bags D		.23	Crystals, 400 lb bbls	.12	.20	Second Hands	4.65
Gelatin, USP, silver 1 lb 100 lb cs D	.60	.65	Hemlock, 25% 600 lb bbls wis D	.03½	.03½	Crystals, 10 lb bot	6.05
Gold Label, 100 cases		1.00	Hemlock, bark		16.00	Iodides, see Potass. Iodide, etc.	
Technical, 100 lb cs	.45	.50	Hexachlorethane Drums wis		.45	Iodoform, powd., 10 lb bot	6.00
Pure Food, 50 lb bbls	.55	.60	Hexalene, 50 gal drs. wis	.55	.57	Iridium, metal 10 oz. lots	260.00
Sheets	.53	.55	Hexamethylenetetramine, USP,			Iron, metal by hydrogen 1 lb bot	.70
GLAUBER'S SALT, tech., 200 lb bags			100 lb drums	.60	.62	IRON & AMM. CITRATE, USP, 50 lb.	
c-l wis	1.05	1.10	Imported	.54	.58	can	.69
le-l wis	1.20	1.30	Rubber Makers, Impalp. Pd.			Bromide	1.10
350 lb bbls. c-l wis 100 lb		1.10	dr	.80	.82½	Cacodylate, 100 lb bot	8.10
Bhs., le-l wis	1.25	1.35	Hi-Flash Naphtha 8,000 gal tis wis			Citrate, USP, VIII 25 lb cans	.94
Imported, bags NY	.75	.80	Drums wis		.35	Chloride, see Ferric or Ferrous	
USP, 300 lb bbls. Imp., sp. 100 lb		1.25	Homatropine Hydrobrom USP, 1 oz		.40	Hypophosphite, 5 lb cans	1.55
USP, 300 lb bbls. dom. sp. 100 lb		1.75	vials		14.50	Syrup, USP, 5 lb, bot	.35
USP, 300 lb bbls., c-l wis 100 lb		1.40	Five oz., 1 oz vials		13.50	Iodide, 1 lb bot	.428
Calcined, see Sodium Sulfate			Hydrastine, Alk., USP, 1 oz vials		20.50	Syrup, USP, 5 lb bot	.35
Glucose, (Grape Sugar) dry, 100			Hydride, USP, 1 oz vial		20.50	Nitrate, keg	.09
70° bags c-l NY	3.14	3.24	Sulfate 1 oz vial		22.50	Com'l. bbls	2.50
80° bags c-l NY	3.24	3.34	Hydrastine Hydride, USP, 15 gr		23.00	Oxalate scales, 25 lb cans	.88
Tanners' Special 100 lb bags 100 lb		3.14	vials		40.00	Oxide, red Spanish	.02½
GLUE, pure white bbls	.22	.26	HYDROGEN PEROXIDE, 25 vol. 400 lb			English	.10
Medium white, bbls	.20	.24	bbls	.07	.07½	Perchloride see Ferric Chloride	
French bbls	.18	.25	10 vol	.04½	.05	& Ammon. Oxalate, 25 lb bxs	.37
High Grade, bbls	.35	.40	15 vol	.06	.06½	& Potassium Oxalate, 250 lb	
Bone, regular, bbls	.10	.12	17 vol	.07	.07½	bbls	.40
Fish, bbls	1.50	1.75	100 vol. 140 lb chys	.32	.34	& Sodium Oxalate, 24 lb bxs	.32
Hide bbls	.14	.24	USP, Sol'n. 375 lb bbls	.03½	.04	Phosphate, USP, 50 lb	.69
GLYCERIN, C.P. 550 lb drums	.23½	.24	100 vol 145 chys		.46	Pyrophosphate, USP, 50 lb	.74
Cans, 50 lb		.25½	USP, bot, 4 oz cases	7.50	7.75	JALAP RESIN, lump, 5 lb tins	4.00
Dynamite, 100 lb dr	.21	.22	Bot. 8 oz cases	11.00	11.25	Powd., tins	4.65
Superior tanks		.16½	Bot. 16 oz cases	18.00	18.25	Powd., tins	4.65
Soap, Lye tanks		.14½	Hydroquinone, 100 lb kegs	1.25	1.50	KIESELGUHR, 95 lb bags NY ton	60.00
Gos Powder, see chrysarobin			Hyoscine Hydrobrom. USP, 1 oz			LANOLIN See Adeps Lanae	
Graphite, crude, 220 lb bags	15.00	35.00	vial		13.57	Larch, 25% 600 lb bbls wis	.03½
Flake 500 lb bbls	.05	.09	Hyoscyamine Alk., Cryst., 1 oz vials		25.07	Powd., 100 lb bags wis	.08
Ground Imp., bbls	.04	.05	Alkaloid, Amorphous, 1 oz vial		75.07	LEAD metal c-l NY	8.20
Gualacol Liquid USP, 100 lb chys	2.00	2.25	Hydrobromide, USP, 1 oz vial		35.07	Acetate, white crystals, 500 lb	
Crystals	2.25	2.50	Sulfate, 1 oz vial		25.07	bbls, wis	.14½
Benzoate, 1 lb bot		18.00	Hypernic, 51°, 600 lb bbls	.12	.15	100 to 250 lb kegs, wis	.15½
Carbonate, 5 lb boxes	2.50	2.75	Indigo Madras bbls	1.28	1.30	White, broken, bbls, wis. 100 lb	15.00
Second Hands	1.90	2.00	20% paste drums	.14	.15	White, gran bbls, wis. 100 lb	15.00
HAARLEM OIL, Dom., 6 gr. cs. gr.	3.20	3.30	IODINE, crude 200 lb kegs	4.20	4.25	White, powd., bbls, wis 100 lb	15.25
Imported 5 gr cases		3.65	Resublimed, 10 lb jars	4.65	4.70	Brown, broken bbls wis	.13½



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USP., 100 lb kegs	.19	.19%
Arsenate, 100 lb kegs	.15	
Bbls., c-1 wks	.14	
Bbls., l-1 wks	.14	.14%
Paste, 100 & 600 lb bbls	.08	.09
Iodide, USP, VIII 5 lb bot	3.20	3.40
Nitrate, 500 lb bbls wks	.14	.11%
Oxide, Litharge, 500 lb bbls	.14	.15%
100 kegs wks	.14	.15%
Oxide, red, 500 lb bbls, wks	.12	.12%
100 lb kegs wks	.12	.16%
Oleate, 100 lb drs	.17	.18
Peroxide, 100 lb drs	.25	.30
White, basic carb., 500 lb bbls		
wks	.10	.10%
100 lb kegs wks	.14	.15%
White sulfate 500 lb bbls wks	.10	
Licorice Ext., Mass cases	.19	.21
Compound powder, bbls	.11	.13
Powdered	.35	.36
Sticks, 1 or 100 lb cases	.40	.45
LIME (Salts, see Calcium Salts)		
Ground Stone, bags	4.50	
Live, bulk	8.50	
Live, 325 lb bbls, ton lots		
wks	1.05	
Single bbl, wks, 100 lb	1.08	
Hydrated, 167 lb bbl, ton lots		
wks	.85	
Single bbl, wks	.01	
Oyster Shell, 150 lb bbl sing.	.03	.03%
Sulfur, dry 200 lb drs NY	.08	.08%
Dr., c-1 NY	.08	
33° Sol'n., 50 lb bbls NY gal	.12	.12%
Linalool, 5 lb bot	6.25	6.75
Litharge see lead oxide		
Lithium Carb., USP., 100 lb kegs	1.45	1.50
Bromide, 100 lb cs	1.80	1.90
Citrate USP, 100 lb kegs	1.70	1.75
Iodide 5 lb bot		5.40
Lithopone, 400 lb bbls, l-1 wks		.08%
Bbls, c-1 wks		.05%

LITHOPONE (Continued)

Bags c-1 wks	.05%	.05%
Imported, 400 lb bbls	.05%	.06
Litmus Cubes	.90	1.00
Second hands		.75
Logwood 51° 600 lb bbls	.08	.08%
Lower grades	.07	.08
Solid, 50 lb boxes	.12	.15
LOGWOOD, sticks	26.00	27.00
Chips, 150 lb bags	.03	.03%
Luminal, see Phenylethylmalonyleurea		
Madder, Dutch		.30
MAGNESITE calcined, 500 lb bbls	14.25	17.50
Magnesium, mtl. sticks 100 lb cs		
f.o.b. wks	.85	
Bromate		1.50
Carb. tech. 70 lb bags NY	.06	.06%
75 lb bbls NY	.08	.08%
USP., 100 lb bbls	.09	.10
English, oz. blocks	.17	.19
Chloride, fused 575 lb drs. c-1		
wks	34.00	
Flake, 350 lb drs. wks. c-1		36.00
Imp., Flake Shipt.	30.50	31.00
Imp., fused 900 lb bbls NY	28.00	30.00
Fluosilicate, crystals 400 lb bbls		
wks	.10%	.11
30° sol'n. 500 lb bbls wks	.07	.07%
Sol'n. bbls, c-1 wks		.06
Glycerophosphate, 5 lb tins	3.20	3.25
Hypophosphate, 5 lb cans		1.05
Oxide, USP., light. 100 lb bbls		.42
USP., heavy, 250 lb bbls		.50
Peroxide, 100 lb cases		1.10
Perborate, 1 lb tins		2.62
Salicylate, 100 lb kegs	.75	.80
Stearate bbls	.23	.25
Sulfate see Epom Salts		
Manganese Borate, 30% 200 lb		.24
bbls		.25
100 lb kegs		.08
Chloride, 600 lb csks		.08%
Dioxide, 80-84% 900 lb bbls		
NY	80.00	85.00

MANGANESE DIOXIDE (con't)

85-90% 900 lb bbls NY	85.00	90.00
Hydrated, precip. 100 lb kegs	.15	.23
Glycerophosphate, 5 lb tins	2.90	3.00
Hypophos USP VIII 5 lb cans	1.35	1.40
Iodide, 1 lb bot	6.40	6.65
Ore., bulk, c.i.f. NY	.43	.44
Sulfate, 550 lb drums NY	.07	.07%
Mangrove, 55% 400 lb bbls	.03	.03%
Mangrove, bark, African	44.00	
Marble Flour, bulk	10.00	12.00
See also Calcium Carbonate		
MENTHOL, USP, 60 lb cases	5.65	5.75
Less case, 5 lb tins		5.85
Synthetic	4.75	5.00
MERCURY metal 75 lb flask	89.50	90.00
Less flasks 5 lb jugs		1.38
Bichloride, cryst., 25 lb bxs		1.31
Gran., powd., 200 lb kegs		1.16
Bisulfate, 25 lb boxes		1.14
Blue Mass., 25 lb boxes		.74
Powdered, 25 lb boxes		.78
Blue Ointment, USP., 25 lb cans		
50%		.99
USP, dilute 25 lb cans 30%		.74
33 1/4% Mercury		.80
Calomel, 50 lb bxs		1.45
33 1/4% Mercury		.80
Iodide, green 25 lb jars		4.10
Red, USP., 25 lb jars		4.20
Yellow, USP, VIII 25 lb jars		4.10
Oxide, Yellow USP., 25 lb bxs	2.00	2.04
Tech.,		1.43
Red Precip., USP, 25 lb bxs		1.56
Powder, USP., 25 lb bxs		1.66
White Precip., USP, 25 lb bxs		1.67
Powdered, USP., 25 lb bxs		1.72
With chalk, USP, 25 lb bxs		.74
Meta-Nitroaniline	.72	.74
Meta-Nitro-para-Toluidine, 200 lb		
bbls		1.75

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: .74
: .80
: 1.45
: .80
: 4.10
: 4.20
: 4.10
: 2.04
: 1.43
: 1.58
: 1.08
: 1.67
: 1.72
: .74
: .74

1.75

Meta-Phenylenediamine, 300 lb		
bbls	.90	.94
Meta-Toluylenediamine, 300 lb		
bbls	.72	.74
Tanks		.70
METHANOL (Wood Alcohol)		
95% tanks	.55	
Drums c-1	.58	
Drums, l-1	.60	.92
97% tanks	.57	
Drums, c-1	.60	
Drums, l-1	.62	.64
Pure, Acetate free, this	.65	
Drums c-1	.68	
Drums, l-1	.70	
Bbls, incl. 6c higher		
U. S. denat. grd., tanks	.65	
Drums, c-1	.68	
Drums, l-1	.70	
Methyl Acetate drums	.95	
Methyl Acetone, 100 gal drums	.73	.76
Tanks cars	.68	
Bromide	1.00	
Chloride, 90 lb cpl	.60	.65
Salicylate, USP, 50 lb cans	.43	
500 lb drums	.41	
Methylene Blue, tech., 100 lb kgs	1.30	1.50
USP, medicinal 5 lb cans	1.75	1.90
Nichol's Ketone, 225 lb bbls	3.00	3.25
Milk, powd., 150 lb bbls	.14	.15
Milk Sugar, see sugar of milk		
Mineral Oil, see oil mineral		
Mineral Rubber	35.00	75.00
Mining Salts Drums wks		.33
Monobromobenzene See Bromobenzene		
Monacetine, See acetine		
Monochlorobenzene, see chlorobenzene		
Monethylaniline, 800 lb drs	1.05	
Monomethyl paraminophenol sulfate		
100 lb drs	3.95	4.20
MORPHINE ALK., USP, 5 oz tins, case	9.20	9.30
Acetate, 5 oz tins on lots		7.85
Hydrobromide, 5 oz tins 10 oz		
lots		7.35

MORPHINE (Con't)		
Hydchlide 5 oz tins 10 oz		
lots	7.35	
Ethyl Hydchlide, 5 oz tins 10		
oz lots	8.85	
Sulfate, 5 oz tins 10 oz lots	7.35	
Small Sizes: 1/4 oz. vials, 50c extra;		
1/4s 25c extra; single oz. vial, 7c		
extra, over price for 5 oz tins. 25		
oz. lots in 5 oz tins, 10c. oz. lower		
than above schedule. Less than 10		
oz. lots 15c. oz. higher than above		
schedule.		
Musk Ambrette, 1 lb cans	10.50	11.75
Myrobalans, 25%, liquid bbls	.04	.04 1/2
50% solid, 50 lb boxes	.08	.08 1/2
Myrobalans, bags J1	41.00	42.00
R2		
New crop	28.50	29.50
J2		
New crop	30.00	33.00
NAPHTHA, See Solvent Naphtha		
NAPHTHALENE, Flake, 175 lb bbls		
wks	.05 1/4	.07
Bbls, second hands NY	.05	.05 1/2
Balls, 250 lb bbls wks	.07	.08
Bbls, second hands NY	.07	.08
Crushed, chipped bgs., wks	.05	.05
Crude, imp., bags	.01 1/2	.02 1/2
NICKEL		
Ingot, 100 lb kegs	.34	
Chloride, bbls kegs	.21	.24
Oxide, 100 lb kegs NY	.38	.40
Salt single 400 lb bbls NY	.08	.08 1/2
Double 400 lb bbls NY	.08 1/2	.09
Sulfate, See Nickel Salt, single		
Nickel Metal, electrolytic 100 lb	34.00	
Nicotine, Free 40% 8 lb tins c-1	1.10	1.20
NITRATE SODA, spot, See Sodium Nitrate		
Nitre Cake, bulk wks	4.50	5.50
500 lb bbls	13.00	14.00

Nitrobenzene, crude, 1000 lb drs		
wks	.09	.10
Redistilled, 1,000 lb drs wks	.09 1/2	.10
Nitrogenous Material bulk, unit		2.60
Nitronaphthalene, 550 lb bbls		.35
Nitrotoluene, mixed 1000 lb drs		
wks	.14	.15
Nutgalls, see Crude Drugs		
Oak bark, whole	20.00	25.00
Ground	45.00	50.00
Oak, tanks, wks		.03 1/2
23-25% liq., 600 lb bbls wks	.04	.04 1/2
Solid, powd.	.07 1/2	.08
Ochre		.03 1/2
Oil Fusel, see Fuel Oil		
OIL MINERAL, wh, 50 gal bbls gal	.80	.90
Russian	.95	1.00
Oil Mirbane, see nitrobenzene		
Opium, see crude drugs		
Orange Mineral, 1100 lb casks NY		.14 1/2
700 lb bbls NY		.14 1/2
Ortho-Aminophenol, 50 lb kegs	2.15	2.25
Ortho-Anisidine, 100 lb drs	2.50	2.75
Ortho-Dichlorobenzene, see Dichlorobenzene		
Ortho-Nitrochlorobenzene, 1200 lb		
drs, wks	.32	.35
Ortho-Nitrophenol, 350 lb	.85	.90
Ortho-Nitrotoluene, 1000 lb drs		
wks	.13	.15
Ortho-Toluidine 350 lb bbls	.25	.27
Osage Orange 51° liquid	.07	.07 1/2
Powd., 100 lb bags	.14 1/2	.15
Crystals	.16	.17
Oxall, USP, 5 lb bot	1.75	2.50
Purified, 5 lb bot	2.00	2.50
Crude, 5 lb bot	1.00	1.25
PALLADIUM, metal 10 oz lots	80.00	81.00
Pancration, USP, 5 lb bot	1.75	2.50
Papain, 10 lb bot, USP, Powd	4.75	5.50
Crude, 150 lb cases		
Paraffin, ref'd, 200 lb c-1		
118-120 Deg. M.P.	.08	.09
123-127 Deg. M.P.	.06 1/2	.06 3/4

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Chemicals

PARAFFIN (Con't)			PARIS GREEN (Con't)			PILOCARINE HYDROCHLIDE, USP, 25oz		
128-132 Deg. M.P.	D	.07½ : .07¾	Packages, 5 and 2 lbs.	D	.23 : .24	lots, 1 oz vials	oz	4.00 : 4.50
133-137 Deg. M.P.	D	.08 : .08½	Packages, 1 lb., ½ lb., ¼ lb.	D	.25 : .26	Nitrate, 25 oz.	oz	4.00
138-140 Deg. M.P.	D	.08¾ : .10	Paris White, see Whiting French			Single oz.	oz	4.50
Para-Aminoacetanilid, 100 lb	kegs	1.00 : 1.05	Pepsin, USP, 5 lb bot. 1:3000	D	1.90 : 2.50	Alkaloid, 15 gr. vis.	ea	.95
Para-Aminophenol, 100 lb kegs	D	1.10 : 1.16	1:6000 bottles	D	3.85 : 5.00	Pine Oil, stm., dist., bbls	gal	.66
Hydrochloride, 100 lb kegs	D	1.25 : 1.30	1:10,000 bottles	D	6.30 : 8.35	Destructive dist.	lb	.63 : .64
Para-Dichlorobenzene, 150 lb bbls			Peptone, powd., 5 lb	D	1.25	Piperazine Hydrate, 1 lb bot	lb	15.00
wks	D	.17 : .20	PETROLATUM, green 300 lb bbls	D	.02½ : .03	Piperidine, 25 oz	oz	1.10 : 1.25
25-50 lb kegs	D	.18 : .22	Dark Amber, 300 lb bbls	D	.04½	Pitch, Coal-Tar, wks	ton	24.00 : 26.00
Paraldehyde, USP, 5 lb bot. gal		.87 : nom.	Light Amber, 300 lb bbls	D	.04½	Prime	bbl	8.00 : 10.60
Tech.	D	.30 : .35	Cream White, USP, 300 lb bbls	D	.07 : .07½	Plaster Paris, tech., 250 lb bbls	bbl	3.30
Para-Cymene, Fed., 110 gal drs gal		2.25 : 2.50	Lily White, USP, 300 lb bbls	D	.07½	True Dental, 300 lb bbls	bbl	4.50
Paraformaldehyde, USP, 100 lb cs	D	.42½ : .45	Snow White, USP, 300 lb bbls	D	.12½	Platinum, metal soft 10 oz lots	oz	120.00
Para-Nitrocetanilid, 300 lb			Phenol, see also acid carbolle			Podophyllin, 5 lb bot	D	4.25 : 4.50
bbls	D	.50 : .55	Makers 950 lb drums spot	D	.21 : .22	Second Hands	D	4.20 : 4.30
PARA-NITROANILINE, 300 lb bbls			Small drums 240-100 lb	D	.22 : .24	POTASH SALTS, rough		
wks single bbls	D	... : .48	Open market drums	D	.21	Pot. Murate basis 80% bps ton	ton	34.90
Para-Nitrochlorobenzene, 1200 lb drs			240 lb des. drs. wks	D	.27	Pot. Sulfate, basis, 90% bps, ton	ton	45.85
wks	D	.32	Natural, 240 lb des drs. wks	D	.27	Pot. & Mag. Sulfate, basis 43% bps	ton	26.38
Para-Nitro-ortho-Toluidine, 300 lb			Phenolphthalein, USP, 100 lb drs	D	1.30 : 1.40	Manure Salts basis 30% bulk ton	ton	18.00
bbls	D	2.75 : 2.85	5 lb cans, 100 lb lots	D	1.40 : 1.50	Manure Salts, basis 20% bulk ton	ton	11.35
Para-Nitrophenol, 185 lb bbls	D	.50 : .55	Phenyl-Alpha-Naphthylamine 100 lb			Kalnit, basis, 12.4% bulk ton	ton	8.50
Para-Nitrosodimethylaniline, 120 lb			kegs	D	1.23 : 1.29	Bulk in bags, \$2.00 extra		
bbls	D	.92 : .94	Phenylethylmalonylurea, oz. pkg., oz		5.50	Prices c.i.f. Atlantic & Gulf Ports		
Para-Nitrotoluene, 350 lb bbls	D	.30	Phosgene, 100 lb cylinders	D	.62½ : .65	Discounts 50 tons, 5%; 500 tons 10%		
Para-oxy Benzaldehyde, 100 lb			Phosphate Acid, 16% Bulk wks unit			POTASH, CAUSTIC, solid 88-92%		
kegs	D	1.70	Florida Pebble 68%	ton	3.25 : 3.50	700 lb drs wks	D	.07½ : .07¾
Para-Phenetidin, 500 lb drs	D	1.55 : 1.80	Florida Pebble 70%	ton	3.50 : 3.75	Imp., 88-92% 700 lb drs. NY	D	.07½ : .07¾
Para-Phenylenediamine, 350 lb			Florida 72%	ton	4.25 : 4.50	USP, by alcohol 5 lb cans	D	.46 : .47
bbls	D	1.20 : 1.25	Florida Pebble 75-74%	ton	5.00 : 5.25	cases	D	.30 : .31
Para-Toluene-Sulfonamide, 175 lb			Tennessee, 72%	ton	5.50	POTASSIUM Acetate, USP, 100 lb		
bbls	D	.40 : .41	Phosphorus, red 110 lb cs	D	.68 : .70	kegs	D	.29 : .30
Para-Toluene-Sulfonchloride, 410 lb			Yellow, 110 lb cs wks	D	.32	Second Hands, kegs	D	.26 : .28
bbls wks	D	.18 : .30	Imported, 110 lb cs wks	D	.35 : .37½	Bicarbonate, crys., 320 lb bbls	D	.08½ : .09
Para-Toluidine 350 lb bbls wks	D	.50 : .60	Phosphorus Oxichloride, 175 lb cyl. lb	D	.35 : .40	Bichromate crys., 725 lb csks	D	.08½ : .09½
PARIS GREEN			Phosphorus Trichloride, 175 lb cyl			Powd. 725 csks, wks	D	.11 : .12
Arsenic Basis, 500 lb kegs	D	.19 : .20	Phthalic Anhydride, 100 lb bbls			Binoxalate, 300 lb bbls	D	.16 : .17
Kegs, 100 lbs.	D	.21 : .22	wks	D	.18 : .20	Import, 112 lb bbls	D	.18 : .19
Kits, 56, 28, 14 lbs.	D	.22 : .23						

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Chemicals

POTASSIUM (Cont.)

Bisulfate, C.P., 5 lb cans30	
100 lb kegs32	
Bromate, 100 lb cs35	
BROMIDE, USP, cryst, 450 lb bbbs .....	.48	.49
Granular, 300 lb bbls .....	.48	.49
Cases, 100 lb .....	.50	
Imported, USP, 220 lb cs .....	.38	.41
Shipment .....	.43 1/2	
CARBONATE, 80-85% calc. 800 lb cks .....	.05 1/2	.05 1/2
80-85% hydrated, 800 lb cks .....	.05	.05
90-95% calc. casks .....	.06	.06 1/2
96-98% calc. casks .....	.06 1/2	.06 1/2
99% calc. casks .....	.07 1/2	.07 1/2
USP 100 lb kegs .....	.11	.12 1/2
99% C.P. casks .....	.12 1/2	
Chlorate, cryst, 112 lb bgs c-l wks .....	.08 1/2	.09
Imp. 112 lb NY lb .....	.08 1/2	.08 1/2
Powd., 112 lb kegs wks .....	.08 1/2	.09
Imp. kegs NY .....	.08 1/2	.08 1/2
Gran. Imp., 112 lb kegs NY lb wks .....	.10 1/2	.11
Pyrotechnic, fine powd. NY lb USP, fine powder, 110 lb kegs NY .....	.14	.15
Crys. .....	.12	
Gran. .....	.14	
Chloride, crys., bbls .....	.05 1/2	.05 1/2
Chromate, kegs .....	.27	.28
Citrate USP, 50 lb .....	.60	
Cyanide 110 lb cases .....	.52	.55
Glycerophosphate, 75% Soln. 25 lb tins	1.35	1.50
10 lb	2.00	2.25
Guaiaacul Sulfonate	1.50	1.75
See bands	1.35	1.40
Hypophosphite, 10 lb cans .....	.80	.85
Iodide, USP, 100 lb cases	3.75	3.80
Lactophosphate 4 oz bot .....	.90	
Metabisulfite, 300 lb bbls .....	.10	.11
Imp., 550 lb bbls .....	.10	.11

POTASSIUM (Cont.)

Muriate, 80% 200 lb bags, NY K Unit .....	.63	
Nitrate, see Saltpetre		
Oxalate, neutral, 225 lb bbls .....	.16	.17
Perchlorate, 112 lb kegs .....	.10 1/2	.10 1/2
PERMANGAN., USP, crys 500 lb & 100 lb dra., wks .....	.15	.16
Imp., 113 lb drs. ....	.13 1/2	.14
Prussiate red, 500 lb casks .....	.37	.38
Prussiate, yellow 500 lb casks .....	.18	.18 1/2
Salicylate, 25 lb cans .....	.65	
Sulfate, 200 lb bags NY K Unit USP, VIII 100 lb kegs .....	.85	.15
Sulfocyanide, CP, 25 lb jars .....	.50	
Tartrate, neutral 100 lb kegs .....	.51	
Titanium Oxalate, 200 lb bbls .....	.25	
Pumice Stone, lump, 250 lb bbls .....	.04 1/2	.06
Lump, bags .....	.04	.05
Powdered, 350 lb bbls .....	.02 1/2	.03
Pyridine, 50 gal drums	3.75	4.00
QUEBRACHO, 35% liquid tks .....	.03	.03 1/2
450 lb bbls c-l .....	.03 1/2	.04
35% bleaching, 450 lb bbls .....	.04	.05
Solid 63%, 100 lb bales c.l.f. .....	.04 1/2	.04 1/2
Jan-June .....	.04 1/2	.05
Clarified, 64% bales .....	.05	
Jan-June .....	.04 1/2	.05
Quercitron, 51° 450 lb bbls .....	.06 1/2	.07
Solid, 100 lb boxes .....	.10	.13
Quercitron bark, rough	14.00	
Ground	34.00	35.00
QUICKSILVER, see Mercury		
Quinidine Alk., 100 oz tins .....	.70	.75
Sulfate, 100 oz tins .....	.50	
Quinodine, see Chinodine		
QUININE SULFATE, USP		
American 100 oz tins .....	.50	
1 oz tins 100 oz lots .....	.57	
Dutch, 100 oz tins .....	.50	

QUININE SULFATE, USP

Java, 100 oz tins .....	.50	
Japanese, 100 oz tins .....	.50	
Resale .....	.44	
Acetate .....	.88	
Arsenate .....	.88	
Benzoate .....	.88	
Bisulfate, USP .....	.45	
Resale .....	.37	.41
Citrate .....	.63	
Dihydrochloride, USP .....	.66	
Dihydrochloride .....	.66	
Dicarbonate 1 oz tins	2.50	
Ethyl Carbonate, 16 oz tins .....	.70	
Ferrocyanide .....	.88	
Formate .....	.85	
Glycerophosphate .....	.88	
Hydrochloride .....	.88	
Hydrobromide, USP .....	.62	
Hydrochloride, USP .....	.62	
Hydrochloromitate .....	.66	
Hydrochloride & Urac, USP .....	.88	
Hypophosphite .....	.88	
Lactate .....	.75	
Phenolsulfonate .....	.88	
Phosphate .....	.74	
Salicylate, USP .....	.68	
Tannate, USP .....	.45	
Tartrate .....	.88	
Valerate .....	.88	

Small Sizes; 1 oz vials or cans,
500 oz. lots, 50 oz extra; 5 oz cans,
50 oz. lots, 30 oz extra; 25 oz. cans,
50 oz. lots, 20 oz extra; single 1 oz.
vials or cans, 50 extra. All minor
quinine salts sold and quoted basis
1000 oz lots in 1000 oz cans. Sulfate
and bisulfate sold basis 100 oz
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Quinone, 100 lb kegs D	1.75	: 2.35	SALTPETRE, Double Refined			SODA ASH (Cont.)		
Red Lead, 250 bbls, wks D	.45	: .47	Granular, 400-500 lb bbls			c-1 wks 100 lb	...	1.45
Red Lead, see lead oxide			c-1 wks D	.06%	: .06%	Pmpt. and spot, Basis 58% bags	...	1.50
Red Precipitate, see mercury			Less c-1 wks, bbls D	.06%	: .06%	c-1 wks 100 lb	...	1.50
Rennet, N.F., 5 lbs (125,000) D	2.95	: 3.50	Large Crystals, 350-400 lb bbls,			SODA, CAUSTIC, 76% solid.....		
Resorcinol, see resorcinol			c-1 wks D	.07%	: .07%	1-4 drums del'd NY 100 lb	...	3.91
Resorcinol, tech., 100 lb kegs D	1.30	: 1.35	Triple refined, Granular, 350 lb			5 & Up drums del'd NY 100 lb	...	3.78
URP, 25 lb cans D	2.35	: 2.35	bbls 1-c-1 D	.06%	: .06%	Ground & Flake 76%		
Rockelle Salt, USP, 225 lb bbls D	.20	: .20%	Powdered, bbls c-1 wks D	.07%	: .07%	1-4 drms, del'd NY 100 lb	...	4.31
Imp., URP, 300 lb bbls D	.19	: .19%	Imported, 500 lb bbls. NY D	.06%	: .06%	5&Up drs del'd NY 110 lb	...	4.18
Rosewater, triple 5 gal demis D	.85	: .90	Santonin, USP, bulk D	141.00	: 145.00	1-4 bbls del'd 100 lb	...	4.58
Rosins (Sold in 600 lb bbls gross for net)			Powd. bulk D	142.00	: 147.00	5 & Up bbls del'd 100 lb	...	4.41
B D	10.00		Saponin, refined, 5 lb tins D	1.25	: 1.80	Contract basis 76% c-1 wks	...	3.10
D D	10.75		Crude D	1.00	: 1.25	Pmpt. and spot Basis 76%		
E D	11.50		Satin White, 500 lb bbls D		.01%	c-1 wks 100 lb	...	3.20
F D	13.85		Scopolamine, see hyoscyne			Contract 74% low grade c-1 wks	...	3.02
G D	14.05		Sedlitz Mixture, 225 lb bbls D	.16%	: .16%	flat 100 lb	...	3.02
H D	14.05		SILICA			Ground & Flake, 76% pmpt., and		
I D	14.20		Crude, bulk, mines ton	6.00	: 7.00	spot, wks, c-1 drs 100 lb	...	3.60
K D	15.40		Refined, floated, bags ton	15.00	: 30.00	Contract 76% drums c-1 wks	...	3.50
M D	15.50		Air floated, bags ton	32.00	: 50.00	flat 100 lb	...	3.50
N D	16.30		Extra, floated, bags ton	55.00	: 65.00	URP, stick, 10 lb cans D	.19	: .21
WG D	16.20		Colloidal, 1 dos bot oz		2.80	Pure, stick, by alcohol D	.25	: .27
WW D	16.50		SILVER metal American oz oz		.65%	Soda Sal. see Sodium Carbonate		
(Sold in 600 lb bbls net, quotations based			Iodide, 16 oz bot oz		.69	Sodium Metal, 12 1/2 lb bricks D		.27
on a unit of 280 lb)			Nitrate 16 oz bot oz		.44%	SODIUM ACETATE, crys 450 lb bbls		
Rosin Oil first run 50 gal bbls gal	.73%		Nucleinate 1 oz bot oz		.41	wks D	.04%	.05
Second run bbls gal	.73%		Bulk oz		.34	Aluminate 500 lb bbls wks D	.07%	.08
Mottled Stone lump imp bbls D	.07	: .08	Protein, 1 oz bot oz		.36	Aluminum Sulfate, see alum soda		
Lump selected, bbls D	.09	: .12	Bulk oz		.29	Arsenite, 4 lb mtl. wks drm gal	.50	: .60
Powdered, bbls D	.02	: .05	Soap, Castile, 40 lb bxs D	.30	: .35	Drums, 8 lb material, wks gal	1.00	: 1.20
Domestic, bags mines 24.00	30.00		Powd. USP, 250 lb bbls D	.28	: .30	Benzate, USP, 100 lb bbls D	.50	: .55
SACCHARIN, USP, 10 lb cans, 25 lb			Green, USP, 450 lb bbls D	.07%	: .08%	Bicarbonate, 400 lb bbls NY 100 lb		2.41
Soluble, USP, 10 lb cans, 25 lb D	1.75	: 1.85	Soapstone, see Talc. crude			Bbls c-1 wks 100 lb		2.00
Sago, Flour 150 lb bags D	.04%	: .05	SODA ASH, 58% light			112 lb kegs c-1 wks D		2.25
Sal Ammoniac, see Ammon. Chloride			1-4 bags delivered NY 100 lb		2.19	112 lb kegs NY 100 lb		2.86
Sal Soda, see Sodium Carbonate			5 & Up bags, del'd NY 100 lb		2.04	Bichromate, 500 lb casks wks D	.06%	: .06%
Sallein, USP, 1 lb cartons, 25 lb D	4.75	: 5.00	1-4 bbls, del'd NY 100 lb		2.44	Casks c-1 NY D	.06%	: .06%
Salol, USP, 100 lb drums D	.80	: .90	5 & Up bbls del'd NY 100 lb		2.29	Casks, NY D	.06%	: .06%
Salt, Common, see sodium chloride			Contract, Basis 58% dense bags		1.33	Bisulfite, dry powder 500 lb		.04
Salt Cake 94-96% c-1 wks ton	19.00	: 22.00	wks 100 lb		1.43	bbls wks D	.03%	: .04
White 87% wks ton	15.00	: 17.00	Prompt and spot, Basis 58% bags			Imported D	.03%	: .03%
			c-1 wks 100 lb					

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4.10
4.50
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3.10
3.20
3.02
3.60
3.50
.21
.27
.27
.05
.08
.60
1.20
.55
2.41
2.00
2.25
2.60
.00 1/2
.00 1/2
.00 1/2
.04
.03 1/2



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Solvay 58% Soda Ash
Dense—Light
Solvay Fluf (Extra Light Soda Ash)
Solvay 76% Caustic Soda
Solid—Flake—Ground
Solvay Super Alkali
Solvay Snowflake Crystals
(Trademark Registered)
Solvay Laundry Soda
Solvay Cleansing Soda
Solvay Tanners Alkali
Solvay Tanners Soda
Solvay Liquid Caustic Soda
Solvay Calcium Chloride 73%—75%



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Chemicals

SODIUM (Cont.)

BROMIDE, USP, 450 lb bbls lb	.48	: .49
Cases, 50 lb	.48	: .49
Imp. USP, 220 lb cases lb	.44½	: .45
Bromate, 100 lb cs		: 1.15
Cacodylate, USP, 25 lb		: 6.10
50 lb bot	5.90	: 6.10
Carbonate Sal Soda 350 lb bbls		: 1.30
le-1 NY	1.30	: 1.35
Works c-1	1.10	: 1.30
Monohydrate, 400 lb bbl		: 2.40
le-1 NY		: 2.40
Pure photographic 100 lb		: .06
kg	.06	: .08
Chlorate, 112 lb kegs wks lb	.06¼	: .06½
Imported, 112 lb kegs lb	.06¼	: .06½
Chloride, tech	12.00	: 13.00
C. P. 300 lb bbls lb	.05	: .06
Chromate 800 lb bbl		: .08
Citrate, USP, X 50 lb bbls		: .45
kegs	.45	: .47
USP, VIII, 50 lb bbls kegs lb	.38	: .40
Cyanide 98-98% 100 & 250 lb drums		: .30
wks		: .19
c-1 wks		: .19
Imp. 95-97% 100 lb drms lb		: .18
c-1		: .09
Fluoride, 300 lb bbls, wks lb	.09	: .09½
IMP. 700 lb cks	.08%	: .10
Glycerophosphate USP, cryst. 35 lb		: 1.40
cans	1.40	: 1.55
Powder, 25 lb tins	1.45	: 1.40
Solution, USP, 25 lb tins lb	1.05	: 1.30
Hydroxide, see Soda Caustic		: .05
Hypochlorite Soln., 100 lb cys lb		: .04
14½ soln., 50 lb cys lb		: .22
Hydrosulfite, 200 lb bbls fob wks lb	.22	: .24
Fur Stripping, 50 lb cans lb	.20	: .25
Hypophosphite, USP, 25 lb cans lb	.70	: .75

SODIUM (Cont.)

HYPOSULFITE, tech., pos crys.		: 2.65
375 lb bbls, wks 100 lb	2.65	: 3.05
Bbls, c-1 wks	2.60	: 2.50
100 lb kegs, wks	2.80	: 2.90
Imp	2.75	: 3.00
Regular crys., bbls, wks 100 lb	2.40	: 2.65
Bbls, c-1 wks	2.40	: 2.50
Kegs, wks	2.35	: 2.45
Imp	2.35	: 2.45
Iodide, USP, 25 lb jars lb	4.25	: 4.30
Metanilate, 150 lb bbls lb	.70	: .75
Molybdate 100 lb kgs		: 1.10
Naphthionate, 300 lb bbls lb	.55	: .57
Nitrate crude, 95% 200 lb bgs		: 2.69
c-1 NY		: 2.71
Feb. Shipment NY 100 lb		: .03%
Double Refined 400 lb bbls		: .09
gran. c-1 wks		: .08%
Nitrite, 500 lb bbls spot makers lb		: .25
Imp. 650 lb cases		: .20
Ortho-Chloro-Toluene Sulfonate		: .21
175 lb bbls, wks lb	.25	: .27
Oxalate, neutral, 100 lb kegs lb	.20	: .23
Perborate, 275 lb bbls lb	.21	: .22
Imp. 225 lb drs	.21	: .22
Peroxide, 200 lb cases lb		: .27
Phosphate, di-sodium, tech., 550 lb		: 3.55
Bbls	3.55	: 3.90
USP, gran., 275 lb bbls lb	.07	: .07½
Imp. gran	.04½	: .05½
USP, Crystal, 275 lb bbls lb	.07½	: .08
Mono-sodium, 100 lb kegs lb	.30	: .31
Tri-sodium tech c-1 bbls 100 lb		: 3.90
Picramate, 100 lb kegs lb		: .69
Para-Toluene Sulfonate 175 lb		: .08
bbls	.08	: .09
PRUSSIAN, yellow, 350 lb bbls		: .10
wks	.10	: .10½
Imp 50 lb cks	.10	: .10½
Pyrophosphate, 100 lb kegs lb	.24	: .26
Salicylate, 100 lb kegs lb		: .40
Second hands, USP, kegs lb	.30	: .40

SODIUM (Cont.)

Silicate, 40° turbid, tanks		: .75
wks		: 1.10
55 gal. drums, wks 100 lb	.85	: 1.10
40° clear, tanks, wks 100 lb		: 1.20
55 gal. drs. wks	1.20	: 1.45
42° turbid tks., wks		: .80
55 gal. drs wks	.90	: 1.15
42° clear, tanks, wks 100 lb		: 1.25
55 gal. lra., wks	1.35	: 1.75
Silicofluoride, 450 lb bbls NY lb	.04½	: .04½
Stannate, 100 drums lb	.42½	: .43½
Sulphate, see Glauber's Salt		: .03
Sulfate, Anhydrous, 550 lb bbls		: .04½
c-1 wks	.03	: .05
U.S.P.	.02	: .02½
Imp., 250 lb bbls lb		: .04½
Sulide, 60% solid, 650 lb drs.		: .04
le-1 wks		: .04
Dr., c-1 wks		: .04
Imp., 700 lb drs NY lb		: .04½
60% broken, 650 lb drs. wks lb		: .04
Dr., c-1 wks		: .02½
30% crys., 440 lb bbls. wks lb	.02½	: .03½
Imp., 400 lb bbls lb		: .03½
Sulfite, cryst., 400 lb bbls wks lb	.03½	: .04
Anhydrous, 400 lb bbls lb	.09½	: .10
Sulfocarbonate, USP, 100 lb kegs lb	.32	: .34
Sulfocyanide, 400 lb bbls lb	.40	: .45
Tungstate, cryst., 100 lb kegs lb	.80	: .82½
SOLVENT NAPHTHA, 110 gal.		: .40
dr. wks	.35	: nom.
8,000 gal tank crs wks gal		: .60
Spartan Sulfate, USP, 250 lb bks os		: .77
Single oz. vial		: .01
Spruce, 25% liquid tanks, wks lb	.01	: .01½
bbls		: .02
Powd., 50% 100 lb bags wks lb	.02	: .02½
Starch, rice, 140 lb bags lb	.09	: .10



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Crude and Refined SulphurCaustic Potash
Nitrate of Soda
Phosphate Rock
Carbonate of Potash
Sodium Bicarbonate
Sulphate of AmmoniaPowder Manufacturers' Supplies and Fertilizer
Materials of All Kinds

Chemicals

STARCH, powd., 140 lb bgs c-1100 lb	3.32	SULFUR (Con't)				Tartar Emetic tech., 700 lb bbls D	39
Bags 1c-1	3.42	Less c-1 bags NY	100 lb	2.05	2.35	USP, 300 lb bbls	34
Pearl, 140 lb bags	3.32	Roll, 500 lb bbls c-1 NY	100 lb	2.30		Terpin Hydrate, USP, 100 lb kgs D	47
Lags 1c-1	3.32	Less c-1 bags NY	100 lb	2.35	2.60	Terpinol, C. P. 1000 lb drums D	40
Potato domestic, 200 lb bgs c-1 D	.0434	Flour, Heavy bags	100 lb	2.70	2.95	Cans, 50 lb	43
Imported bags duty paid	.05%	Light 100% bags	100 lb	2.80	3.05	Imported, cans 25 lb	44
Wheat, dom., thick bgs	.07	Rubbermakers 100%	240 lb			Terpinyl Acetate, 25 lb cans	1.95
Thin, bgs	.09%	bbls, NY	100 lb	3.05	3.30	Terra Alba, No 1, 300 lb bbls 100 lb	1.90
Sol. Potato	.07	Commercial, 99% c-1 150 lb bgs	100 lb			Tetralene, 50 gal drs. wks	30
SIMONINUM Bromide, USP, 50 lb		NY	100 lb		1.40	Theobromine Alk., 5 lb cans	3.75
kgs	.51	For Dusting, c-1 99% 100 lb	100 lb		2.05	Sed., Salicylate, 1 lb bot	2.92
Carb. N.F. 600 lb bbls wks D	.30	bgs NY	100 lb			Thiocarbamid, 170 lb bbls	.24
100 lb kgs, wks	.08	Flowers, 100% 155 lb bbls	100 lb		3.35	Thymol, USP, 25 lb tins	4.00
Iodide, USP, 25 lb jars	4.00	NY	100 lb		.15	Iodide kgs	7.00
Nitrate, 600 lb bbls NY	.08	Precipitated, 125 lb bbls NY D	100 lb		.10	TIN, metal, Straits, NY	.63%
Imported, bbls NY	.08	Lae., 125 lb bbls NY	100 lb			99% American NY	.62
Salicylate, USP, 100 lb kgs D	.75	Sulfur Chloride, red, 700 lb drs.	100 lb	.05	.05%	Richloride, 50% soln. 100 lb	.17%
STRYCHNINE Alkaloid, USP, crys.		wks	150 lb	.05	.05%	Crystals, 500 lb bbls wks	.43
100 on tins	.61	Yellow, 700 lb drs wks	100 lb	.03%	.04%	100 lb kgs wks	.43%
Japanese cans	.75	Sulfur Dioxide, 100 lb cyl	100 lb	.08	.09	Iodide 5 lb boxes	.07%
Alk., powd., USP	.51	Iodide, USP, VIII, 5 lb bot	100 lb	.85	.70	Oxide 300 lb bbls wks	.64
Acetate	.55	Sulfuryl Chloride, 600 lb drs	100 lb	.05	.06	100 lb kgs wks	.62
Glycerophosphate, USP	.55	Sumac, extract, liquid 450 lb bbls	100 lb	.10%		Recovered bbls	.58
Hydrobromide	.55	C. F. 450 lb bbls	100 lb	.11	.11%	Tetrachloride, 100 lb drs wks	.36
Hydrochloride	.55	Stainless, 600 lb bbls	100 lb	nom.		Titanium Oxide bbls, wks	.12
Hypophosphate	.55	Sumac, Sicily leaves 100 lb bags	100 lb	95.00	100.00	Telluride, 350 lb bbls	.90
Nitrate, USP	.55	Ground Shipment	100 lb	55.00	60.00	Sulfate, 350 lb bbls	.80
Phosphate	.55	Virginia, 150 lb bags	100 lb	40.00	50.00	Toluene, 8,000 gal tank cars wks gal	.35
Sulfate, USP, crys. powd.	.42	TALC, Italian 220 lb bags NY ton	100 lb	50.00	55.00	110 gal drs wks	.40
Saccharinate	1.15	Refined, white bags	100 lb	30.00	35.00	Nitration, Tank cars, wks gal	.37
Strychnine preparations quoted bases		French, 220 lb bags NY	100 lb	38.00	45.00	Drums wks	.42
100 on lots in 100 on tins. Small sizes		Refined, white bags	100 lb	12.00	15.00	Non-corrosive, Tank cars, wks gal	.36
1/4 on vials, 50c extra; 3/4 on vials, 25c		Dom., crude, 100 lb bags NY ton	100 lb	18.00	18.00	Drums, wks	.41
extra; single ounce vials, 7c extra. Lots		Refined 100 lb bags NY	100 lb	4.15	4.10	Telluride, Mixed, 900 lb drs, wks D	.31
of 25 cms. 5c higher than above schedule.		Tankage, ground NY	100 lb	4.25	4.10	Toner Lithol Red bbls	.80
Lots of less than 25 cms. 10c higher per		High grade f.o.b. Chicago unit	100 lb	3.50	4.10	Para Red bbls	.75
cms.		So. Am. c.i.f.	100 lb	.05	.05%	Telluride	1.75
Sugar Coloring (See Caramel)		Tapioca Flour, high grade bgs	100 lb	.04	.04%	Trisectin, 50 gal drs wks	3.60
Sugar Milk, USP, 200 lb bbls	.20	Low grade, bags	100 lb	.03%	.03%	Tribromophenol, 100 lb cases	1.10
Second Hands, USP, bbls	.18	Tar Coke Oven, Tks., wks	100 lb	.07	.08	Trional, see Sulfonethylinmethane	
Sulfonal, see Sulfonmethane		Water Gas, Tks., wks	100 lb	.15	.15	Triphenylguanidine	.69
Sulfonethylinmethane, USP, 10 bxs D	3.85	Tar, Kiln-burnt	100 lb	.15	.15	Triphenyl Phosphate, 450 lb bbls D	.75
Sulfonmethane, USP, 10 lb bxs D	2.65	Retort	100 lb				
SULFUR							
Crude, f.o.b. mines	17.00						
Brimstone, 250 lb bags c-1 100 lb	1.95						

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Tripoli, 500D bbls100 lb	2.50	: 3.00	YARA YARA, 1 lb tins lb	1.05	: 1.30	Oils - Fats		
Tungsten, NYW.O. unit	12.00	: 13.00	Yohimbin Hydrate, 1 oz vial oz	3.15	: 4.00			
Turkey Red Oil, bbls single lb	.11	: .12	Besale oz	2.75	: 3.00	Castor, No. 1, 400 lb bbls lb	.13½	: .14
double lb	.14	: .18	Yolk Oil bbls lb	...	: .35	80 lb cases lb	.14½	: .15
Turpentine Spirits, bbls gal	1.03½	: 1.07½	ZINC METAL, high grade, slabs			Blown, 400 lb bbls lb	.13	: .13½
Wood steam Dist., bbls gal	1.01	: 1.05	c-1 NY .....100 lb	...	: 7.57½	China Wood, spot NY lb	.11	: .11½
Ultramarine Blue lb	.15	: .25	Ammonium Chloride, powd., 400 lb	...	: .06½	Tanks, Spot, NY lb	.10½	: .10½
UREA, pure 112 lb cases lb	.18	: .20	bbls lb	...	: .09½	Coast Tanks, lb	.09½	: .09½
Valonia Caps, 30-31% tan ton	...	: 36.00	Carb., tech bbls NY lb	...	: .20	Cocunut Ceylon, 375 bbls NY lb	.11	: .11½
Beard, 42% tan bags ton	50.00	: 52.00	USP, 100 lb kegs lb	...	: .08	8,000 gal tanks NY lb	.11	: .10½
Mixture, 36% tan bags ton	...	: 39.00	Chloride, fused, 600 lb drs wks lb	...	: .08½	Cochin, 375 lb bbls NY lb	.11½	: .12
VANILLIN, USP, 500 oz cans oz	...	: .49	Drs. c-1 wks lb	...	: .06½	Tanks NY lb	.11	: .11
Cans, 80 oz oz	...	: .50	Granulated, 500 lb bbls wks lb	...	: .06½	Manilla bbls NY lb	.11½	: .11½
Cans, 16 oz oz	...	: .51	Imported dr NY lb	...	: .06½	Tanks, NY lb	.10½	: .10½
Second Hands oz	.42½	: .45	Solution, 50% tanks wks 100 lb	...	: 3.00	Tanks, Pacific Coast lb	.09½	: .09½
Venetian Red lb	...	: .60	USP, 25 lb jars cont. ex lb	...	: .27	Edible bbls NY lb	.13½	: .14
Vermilion, Amer., 100 lb kegs lb	.35	: .40	Cyanide, 100 lb drs lb	...	: .40	Cod Newfoundland, 50 gal bbls gal	.68	: .70
English, kegs lb	1.40	: 1.45	Dust, 100 lb tins wks lb	...	: .10	Tanks, NY gal	.60	: .63
Veratrine Sulfate, 1 oz vial oz	...	: 1.85	500 lb bbls kegs c-1 wks lb	...	: .09	Cod Liver, see Cod Liver Oil under Chemicals		
Hydrochloride, 1 oz vial oz	...	: 1.35	500 lb bbls kegs 1c-1 wks lb	...	: .09½	Copra, bags lb	.06	: .06½
Veronal, see Acid Diethylbarbituric			Iodide, 5 lb bots lb	...	: 5.22	Corn, ref., 375 lb bbls NY lb	.13	: .13½
Wattle Bark, bags ton	39.50	: 40.50	Nitrate, 25 lb jars lb	...	: .45	Tanks lb	.12½	: .12½
Extract 55% dble bgs ex-dock lb	...	: .05½	Oxide, Amer., bags wks lb	...	: .07½	Crude tanks mills lb	.10½	: .10½
WHITE LEAD, see lead, white			Amer 300 lb bbls wks lb	...	: .07½	Bbls NY lb	.13	: .13
White Precipitate, see mercury			French, 300 lb bbls wks lb	...	: .10½	Cottonseed Crude, tks., mill lb	.11	: .11½
Whiting, 200 lb bags c-1 wks 100 lb	...	: 1.25	Bbl. c-1 wks lb	...	: .10½	PSY., 100 bbls NY spot lb	.12	: .12
Alba bags NY c-1 ton	...	: 13.00	Bags c-1 wks lb	...	: .10½	April-Oct. lb	.11½	: .12
Olders, bags NY c-1 .....100 lb	...	: 1.35	USP, 100 lb bbls c-1 lb	...	: .14	White, 100 bbls lots NY lb	.14	: .14
French, bags NY c-1 ton	14.50	: 19.00	10-25 bbl lots lb	...	: .15	Winter yellow, 100 bbls NY lb	.14½	: .14½
English, bags NY c-1 ton	21.00	: 22.00	5 bbl lots lb	...	: .16	Degras, Amer, 50 gal bbls NY lb	.04½	: .04½
Paris white bags c-1 .....100 lb	1.00	: 1.	1 bbl lots lb	...	: .17	English, light bbls NY lb	.05½	: .05½
Witch Hazel Extract, 50 gal bbls gal	1.05	: 1.10	Imported, white seal, bbls lb	...	: .12	Brown, bbls NY lb	.04½	: .04½
XYLENE, 3° dist range nitration			Green seal, bbls lb	...	: .11½	Light brown, bbls NY lb	.04½	: .04½
110 gal drs NY gal	.70	: nom.	Red seal, bbls lb	...	: .10½	Dark, bbls, NY lb	.03½	: .04
5° dist. range, 8000 gal tanks			Stearate, USP, 50 lb bbls lb	...	: .21½	Neutral, bbls NY lb	.07½	: .12
wks gal	.55	: nom.	Second hands lb	...	: .20	Moellon, bbls, NY gal	...	: .50
110 gal drs wks gal	.60	: nom.	Sulfate, 400 lb bbls wks lb	...	: .03½	Greses choice white bbls NY lb	...	: .10
10° dist range drms, wks gal gal	.55	: nom.	Bbls c-1 wks lb	...	: .03	Yellow lb	...	: .08½
Tanks wks gal	.41	: nom.	USP 100 lb bbls lb	...	: .08	House lb	...	: .08½
Com'l 110 gal drs wks gal gal	.41	: nom.	Sulfide, 500 lb bbls lb	...	: .30	Brown lb	...	: .08
Tanks wks gal	.36	: nom.	Sulfocarbonate, 100 lb kegs lb	...	: .29			
Xylidine crude lb	...	: .35	Zincum, oxide, pure lb	...	: .45			
Refined lb	.38	: .40	Semi-refined, bags lb	...	: .08			
			Natural, bags lb	...	: .02½			

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Oils - Fats

Herring, Tanks, Coast	gal	.40	nom.
Horse, 375 lb bbls NY	lb	.10	nom.
Lard, prime steam, bbls	lb	.15	.15%
Compounds, bbls	lb	.13%	.14
LARD OIL, edible prime	lb	.11	.13%
Off prime bbls	lb	.13	.13%
Extra bbls	lb	.13	.13%
Extra No. 1 bbls	lb	.12%	.12%
No. 1 bbls	lb	.12%	.12%
No. 2, bbls	lb	.12%	.12%
LINSEED, raw c-1 bbls spot	lb	.107	.107
Five bbls raw	lb	.099	.099
Tanks, raw	lb	.113	.113
Bld, 5bbl lots wks	lb	.115	.115
Dbl. boiled 5 bbl	lb	.107	.107
April- c-1 wks	lb	.108	.108
May-June c-1 wks	lb	.109	.109
July-Aug c-1 wks	lb	.109	.109
Imported bbls. NY	gal	.55	nom.
Tanks, NY	gal	.70	.72
Menhaden, crude tanks, Balt	gal	.73	.75
Light pressed, bbls NY	gal	.75	.77
Yellow, bleached bbls NY	gal	.10%	.10%
Extra bleached bbls NY	gal	.20%	.20%
Blown, bbls, NY	lb	.12%	.12%
Nestsfoot 20° c.t. bbls NY	lb	.12%	.12%
Pure bbls NY	lb	.12%	.12%
Extra bbls NY	lb	.12%	.12%
No. 1, bbls, NY	lb	.12%	.12%
C.P. bbls NY	lb	.13	.13%
Oleo Oil No. 1, bbls NY	lb	.11%	.11%
No. 2, bbls NY	lb	.11%	.11%
No. 3, bbls NY	lb	.118	.122
OLIVE, denatured bbls NY	gal	.185	.185
Edible, bbls NY	gal	.08%	.08%
Foots bbls NY	lb	.08%	.08%
Shipments	lb	.08%	.08%
Palm Lagoes, 1500 lb casks	lb	.08	.08%
Niger casks	lb	.10	.10
Bonny old Calabar, casks	lb	.09%	.09%
Palm Kernel bbl NY	lb	.09%	.09%
Casks	lb	.08	.08

Peanut refined bbls NY	lb	.15	nom.
Crude, mills buyers' tks	lb	.19	.19
Crude, bbls, NY	lb	.14	.14%
Perilla, bbls NY	lb	.14	.14%
Poppseed, bbls NY	gal	1.85	2.00
Rapeseed, bbls NY Japanese	gal	.88	.90
English	gal	.92	.95
Blown bbls NY	gal	1.10	1.12
Red Oil, distilled bbls	lb	.10%	.11
Tanks	lb	.09%	.11
Saponified, bbls	lb	.10%	.11
Tanks	lb	.09%	.11
Salmon, 8000 gal. tks. Coast	gal	.50	nom.
Sardine, Tanks, Pacific Coast	gal	.57	.57
Sesame, edible, yellow bbls	lb	.13%	.14
White	lb	.14%	.15
Sod Oil, bbls, NY	gal	.40	.40
SOYA BEAN, crude tks. PacificCst.	lb	.10%	.11%
Crude, tks NY	lb	.11%	.11%
Crude, bbls NY	lb	.12%	.13
Refined, bbls NY	lb	.13%	.13%
Sperm., 38° c.t. bled bbls NY	gal	.85	.86
45° cold test, bled. bbls NY	gal	.82	.84
STEARIC ACID,			
Double pressed, bags distilled	lb	.14%	.14%
Double pressed, bgs., saponified	lb	.14%	.14%
Carlota	lb	.14%	.14%
Triple pressed, bgs., distilled	lb	.16%	.16%
Triple pressed, bgs., saponified	lb	.16%	.16%
Carlota	lb	.16%	.16%
Stearine oleo, bbls	lb	.12	.12
Tallow edible, tierces	lb	.09%	.09%
City Extra loose	lb	.08%	.08%
Tallow Oil, acidless tks. NY	lb	.11%	.11%
Bbls. c-1 NY	lb	.12%	.12%
Walnut, crude bbls NY	lb	.76	.78
Whale, nat winter bbls, NY	gal	.78	.80
Blehd winter bbls, NY	gal	.80	.82
Extra Bich, bbls, NY	gal	.80	.82
Crude No. 1, tanks coast	gal	.80	.82
Crude No. 2, tanks coast	gal	.80	.82
Crude No. 3 tanks coast	gal	.80	.82

Crude Drugs

Acetides Gum, red, see Yasm			
ACONITE LEAVES, bales	lb	.09	.10
Root, USP, bags	lb	.24	.25
Agar Agar, 1, 200 lb bbls	lb	1.15	1.25
No. 3, bales	lb	1.30	nom.
No. 3, bales	lb	.73	.75
Agaric white, cases	lb	.90	.95
Granulated, boxes	lb	1.25	1.50
Almonds, bitter, boxes	lb	.55	.60
Sweet, boxes	lb	.65	.70
Meal, barrels, boxes	lb	.24	.26
Aletris Root, bags	lb	.40	.42
Alkanet Root, bag	lb	.08%	.10
Aloes, Barbadoes, 120 lb bbls	lb	.11	.15
Cape, 400 lb cases	lb	.10%	.12
Curacao, 100 lb cases	lb	.30	.33
Scootrine whole, 300 lb cs	lb	.44	.45
Althea Root Cut cs	lb	.50	.55
Grd. & Fed. bgs	lb	18.00	20.00
Ambergris, black boxes	lb	30.00	35.00
Grev, boxes	lb	.75	.80
Ammoniac, tears, bags	lb	.17	.18
Angelica Root, dom. bags	lb	.15	.16
Imp.	lb	.15	.20
Angostura Bark, bags	lb	.12	.13%
Anise, Levant, bags	lb	.12%	.15
Russian bags	lb	.12%	.15
Star Case	lb	.12%	.13%
Spanish bags	lb	.13	.14
Annatto Seed, 200 lb bags	lb	.24	.25
ANABIC GUM.			
White, No. 1, 200 lb bags	lb	.22	.23
Seconds, 250 lb bags	lb	.13	.13%
Sorts, Amber 200 bags bbl	lb	.20	.23
Powd. USP, 300 lb bbls	lb	.19	.20
Area Nuts 150 lb bags	lb	.23	.25
Powd., 200 lb bbls	lb	.17	.18
Arnica Flowers, bales	lb	.09%	.09%
Root, bags	lb	.08	.08

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Crude Drugs

Arrowroot Amer., Powd., bbls10	.10½	Burdock Root, bags09½	.10	Cassia Batavia, No. 3 bales09½	.10
Berrueta, bbls . . . . .	.12½	.13	Seed bags . . . . .	.08	.10	China, Select rolls cases . . . . .	.07½	.08
St. Vincent Powd. bbls . . . . .	.28	.30	Burgundy Pitch dem 110 stands . . . . .	.08	.08½	Broken, bales . . . . .	.08½	.09½
Anafetida, USP, 250 lb cases . . . . .	.44	.50	Gross for net . . . . .	.11	.12	Saigon, Cut thin . . . . .	.27½	.28
Powd., 50 lb bbs . . . . .	.40	.42	Imported . . . . .	.45	.50	Buds, cases . . . . .	.22	.22½
BALM GILEAD BUDS, bags . . . . .	.15	.15	Calabar Beans bags . . . . .	.45	.50	Cassia Fistula, baskets . . . . .	.07	.09
Balmory Herbs, bales . . . . .	.42	.45	Calamus Root, bleached, cases . . . . .	.45	.50	Castile Soap, USP, powd., 200 lb	.20	.22
BALSAMS			Unbleached bags . . . . .	.85	.90	bars . . . . .	.30	.33
Copaiba, Para 80 lb cs . . . . .	.47	.49	Calendula Petals Imp bales . . . . .	.24	.25	Powd., USP, 200 lb bbls . . . . .	.03	.03½
South American 80 lb cs	11.50	12.00	Callaya Bark, bales . . . . .	.28	.28	Castor Beans, bags . . . . .	.13	.16
Fir Canada, cans	1.00	1.20	Powdered, bbls . . . . .	.06½	.07½	Catechu Gum bales . . . . .	.11	.12
Oregon bbls cases	1.50	1.90	Canary Seed, Morocco, bags . . . . .	.05½	.06½	Celery Seed bales . . . . .	.21½	.24
Peru, 120 lb cases	1.05	1.10	Spanish bags . . . . .	.05½	.06½	Cereus Wax, white bags . . . . .	.10	.12
Tolu, 120 lb cases . . . . .	.08	.07	South American, bags . . . . .	.38	.38	Yellow, 200 lb bags . . . . .	.28	.38
Bamboo Brier Root, bags . . . . .	.13	.15	Dutch bags . . . . .	.22	.25	Imp., 100 lb bags . . . . .	.25	.30
Barberry Bark, tree bales . . . . .	.21	.22	Candellilla Wax, bags . . . . .	.30	.35	CHAMOMILE FLOWERS, Roman	.20	.22
Root, bags . . . . .	.17	.18	Canella, Alba Bark, bales . . . . .	.78	.80	cases bales . . . . .	.06	.06½
Bayberry Bark, bales . . . . .	.59	.60	Cannabis, true Imp., bags	1.00	1.15	Hung cases bales . . . . .	.04	.05
Wax bbls . . . . .	.48	.49	American (no assay) bales . . . . .	.60	.65	Charcoal, Willow powd bbls . . . . .	.07	.08
Belladonna Leaves, bales . . . . .	.41	.46	USP . . . . .	.75	.80	Wood powd. bbls . . . . .	.06	.06½
Root bags . . . . .	.27	.28	Cantharides, Chinese cases . . . . .	.07½	.08	Chestnut Bark, bags . . . . .	.75	.80
Bee Wax, white cases	1.10	1.45	Powdered bags . . . . .	.65	.70	Herb, bales . . . . .	.07	.10
Yellow, refined cases . . . . .	.35	.40	Powdered boxes	2.65	3.00	Chicle Gum, 100 bbls . . . . .	.85	.90
Crude bags . . . . .	.11½	.12	Cardamom, bleached cases	1.70	1.80	Chiretta bales . . . . .	.80	.85
Commercial cs., . . . . .	.23	.25	Decorticated cases	1.15	1.25	Cinchona Bark, red quill bales	.80	.85
Bergain Gum, glam, boxes . . . . .	.25	.26	Green, grinding bags . . . . .	.50	nom.	20 inch . . . . .	.85	.90
Sunatra 80 lb boxes . . . . .	.28	.29	Carnauba Wax, Flor., bags . . . . .	.48	.49	10 inch . . . . .	.80	.85
Berberis Aquifolium Root, bags . . . . .	.16	.16½	Powd. . . . .	.43	.44	Broken cases red . . . . .	.75	.79
Beth Root, bags . . . . .	.25	.30	No. 1, Yellow bags . . . . .	.38	.38	Yellow . . . . .	.34	.35
Bitter Root, 100 lb bags . . . . .	.18	.14	No. 2, regular bags . . . . .	.43	.44	Cinnamon, Ceylon No 1, bales . . . . .	.52	.58
Blackhaw Bark, root bales . . . . .	.26	.27	No. 2, N Country bags . . . . .	.70	.75	No. 2, bales bond . . . . .	.50	.51
Blackberry Root, bags . . . . .	.19	.22	No. 3, N Country bags . . . . .	.18	.20	No. 3, bales . . . . .	.47	.48
Blueflag Root, bags . . . . .	.08	.08½	No. 3, chalky bags . . . . .	.15	.18	Civet, Abyssin horns	2.35	2.50
Blood Root, bags . . . . .	.09	.10	Cascara Amarga 150 lb bbls . . . . .	.14	.15	Clover Tops bags . . . . .	.16	.17
Boldo Leaves, bales . . . . .	.17	.18	So-called bales	1.25	1.50	Cloves, Zanzibar 135 lb bbls . . . . .	.24	.24½
Bonnet Herb, bales . . . . .	.11	.12	Cascara Sagrada, bales . . . . .	.70	.75	Penang, bales . . . . .	.42	nom.
Leaves, bales . . . . .	.46	.50	1923 bark . . . . .	.18	.20	Cochineal, Black . . . . .	.65	.67
Borago Flowers, bales . . . . .	.50	.52	1924 bark . . . . .	.14	.15	Silver . . . . .	.71	.72
Bryonia Root, bags . . . . .	.12	.15	1925 bark	1.25	1.50	Deca Leaves, Huamuc bags . . . . .	.07½	.08½
BUCHU LEAVES, short, 250 lb	.06	.07	Cascarilla Bark, quills, bales . . . . .	.12	1.25	Truillo, bags . . . . .	.08	.10
bales . . . . .	.60	.65	Siftings bbls . . . . .	.11½	.12	Cobosh Root, Black bags . . . . .	.06½	.07
Less bales . . . . .	.08	.09	Cassia Batavia No. 1, bales . . . . .	.10½	.11	Blue, bags . . . . .	.17	.20
Long bales . . . . .	.08	.09	Shortstick, bales . . . . .	.10½	.11	Colchicum Root, bags . . . . .	.34	.35
Buckhorn Bark, bags08	.09				Seed, bags17	.20
Berberis08	.09				Colocynth, Pulp USP., bales34	.35

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Crude Drugs

Coltsfoot Leaves, bags11	.14	Elettampine Root, bags07½	.08½	Guarana, thin cases	D	1.25
Comfrey Root, bags .....	.12	.13	Elder Flowers, bags .....	.10	.11	GUM, see Arabic Gum, etc.		
Cundurango Bark, bags .....	.13	.13½	Elemi Gum, 85 lb cases .....	.20	.21	HELLEBORE ROOT		
Centum Herb, bags .....	.11	.12	Elm, bark select 5 lb bundle cases .....	.21	.23	Black, bbls .....	.05½	.06
Seed, bags .....	.10	.11	Grinding bags .....	.14½	.16	Powdered .....	.13	.15
Copaiba Balsam Para, See Balsams			Powdered, bbls .....	.22	.28	White, 250 lb bbls .....	.09	.10
Copal Gum .....	.12	.13	ENGOT, 150 lb 200 lb bags	1.25	1.35	Powdered .....	.10½	.11
Coriander Seed, Bombay, bags .....	.06	.06½	Eucalyptus Leaves, bales .....	.05	.06	Helonias Root (unicorn false)		
Morocco, bags .....	.04½	.05½	Euphorbia Pilulifera Herb bags .....	.08	.09	bags .....	.62	.95
Bleached bags .....	.07½	.08	Euphorbia Gum, cases .....	.23	.27	Hemp Seed, Bags .....	.03½	.05
Corn Silk bales .....	.05½	.06	Powdered boxes .....	.28	.30	Henbane Leaves, bales USP, .....	.26	.27
Cotton Root Bark bales .....	.13½	.14½	Fennel Seed, French bags .....	.08	.09	No. assay .....	.24	.26
Cowhage, oz. tins	1.50		German bags .....	.11½	.12½	Henna Leaves, bales .....	.10	.11
Cramp Bark, so called bales .....	.06½	.07	Indian bags			Powdered .....	.13	.14
True, bags .....	.30	.32	Fenugreek Seed, 200 lb bags .....	.05	.05½	Honey, Calif., 120 lb cases .....	.11	.12
Cranesbill Root, bags .....	.09	.10	Fish Berries, 100-125 lb bags .....	.06	.07½	Hops, NY prime bales .....	.28	.30
CUBE BERRIES XX bags .....	.58	.60	Flax Seed, whole 180 lb bbls	14.75		Pacific Coast prime bales .....	.25	.27
Powdered, bbs .....	.63	.65	Ground 180 lb bbls .....	.08	.08½	Morebound Herb, bales .....	.08	.09
Culvers Root, bags .....	.18	.20	Fringe Tree Bark, bags .....	.22	.23	Horse Nettle, Berries, bags .....	.35	.55
Cumin Seed, Malta bags .....	.10½	.10¾	Fumigating Pastilles Black 1 lb			Horsetail Rush, bags .....	.15	.15
Morocco bags .....	.09½	.10	boxes .....	.40	.42	Hydrangea Root, bales .....	.09	.10
Cuttlefish Bone, Trieste, straps .....	.12½	.13	Red, 1 lb boxes .....	.45	.50	India Gum, see Karaya		
Jewellers large, straps .....	.50		GALANGAL ROOT, bags .....	.09	.10	INSECT FLOWERS open whole		
Small, straps .....	.25		Galbanum Gum, cases		1.35	Bales		
French straps .....	.12½	.15	Gambier Gum, bis .....	.95	1.05	Powdered .....	.24	.25
Powdered boxes .....	.08	.09	Powdered cases	1.05	1.10	Closed, whole bales		
Broken boxes .....	.07		Gelsemium Root, bgs .....	.09½	.10	Powdered pure 200 lb bbls .....	.28	.30
Damar Gum, Batavia, 136 lb cs .....	.25	.28	Gentian Root, bags .....	.07½	.08	Ipecac Root, Cartagena bags	3.20	3.25
Singapore No. 1 cs .....	.39	.40	Ground, bbls., boxes .....	.11	.12	Powdered 200 lb bbls bbs	3.55	3.65
Damiana Leaves, bales .....	.40	.45	Powdered boxes .....	.11	.12	Rio Whole, bags		
Dandelion Root, Imp., bags .....	.17	.18½	Ginger African bags .....	.11½	.12	Powdered 200 lb bbls bbs	3.60	3.65
Deer Tongue Leaves bales .....	.17½	.20	Jamaica grinding bags bbls .....	.15½	.16	Isinglass American, 130 lb cs .....	.85	.90
Digitalis Leaves, bales .....	.22	.25	Japan, bags .....	.20	.21	Russian (Beluga) bbs ctws	4.00	4.50
Mill Seed, bags .....	.07	.08	Cochin, ABC, & Lemon bgs .....	.14½	.15	JABORANDI LEAVES, bales .....	.09	.10
Cleaved bags .....	.15	nom.	Ginseng Root, cultivated bags	8.00	10.00	Jalap Root, whole 150 lb bags .....	.24	.30
Dogwood Bark, Jamaica bags .....	.09½	.10	Northwestern Wild, bags	12.00	14.00	Powdered, USP, 250 lb bbls .....	.32	.36
American, bales .....	.07	.08	Northern Wild, bags	8.50	10.00	Japan Wax, 224 lb cs .....	.17½	.18
Dogwood Root, USP, cut bags .....	.11½	.12	Golden Seal Root bags	5.70	6.00	Job's Tears, White bags .....	.12	.13
Dragons Blood, mass cases .....	.70	.75	Powdered boxes		6.00	Juniper Berries, 125 lb bags .....	.08½	.07
Reeds, boxes .....	.95	1.00	Herb bis		1.25	Sifted bags .....		.06
ECHINACEA. Root bags .....	.30	.33	Grains of Paradise, bags .....	.14	.15	KAMALA, USP., boxes		1.00
			Grindelia Robusta Hedb bales09	.08½	Karaya Gum, powdered bbls10	.25
			Gualac Gum, 80 lb cases powd.38	.40			
					.50			



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Kauri Gum No. 1	D	.68	: .70	Marjoram Leaves, French, bales	D	.45%	: .46%	Opium, Powdered, USP, cases	D	13.00	: 14.00
Kava Kava Root bags	D	.16	: .17	Chilian, bales	D	.36	: .37	Orange Flowers, cases	D	.25	: 1.25
Kino Gum, black cases	D	.50	: .55	Mastic Gum, 120 lb cases	D	.48	: .50	Peel, bitter, bags	D	.07	: .08
Kola Nuts, 150 lb bags	D	.06	: .06%	Matico Leaves, bales	D	.50	: .55	Sweet bags	D	.10	: .11
Koumou Flowers, bags	D	.50	: 1.25	Mexerion Bark, bags	D	.11	: .12	ORRIS ROOT, Florentine bld bgs	D	.10	: .10%
LADY SLIPPER ROOT, bags	D	.45	: .50	Millet Seed, dom., yellow bags	D	.03%	: .04	Powdered 200 lb bbls	D	.12	: .13
Larkspur Seed, bags	D	1.65	: 1.85	Montan Wax, crude bags	D	.06%	: .07	Verona, bags	D	.08	: .08%
Laurel Berries bags	D	.08	: .09	Bleached bags	D	.25	: .28	Powdered 200 lb bbls	D	.11	: .12
Leaves, Greek bags	D	.05	: .05%	Moss, Iceland, bales	D	.08	: .08%	Fingers, cases	D	.60	: .65
Italian bales	D	.04%	: .05	Irish, bleached, bales	D	.12	: .13	Ockerite Wax, brown hard bags	D	.24	: .25
American, bales	D	.25	: .35	Mullein Flowers, tins	D		: 1.35	Green, hard bags	D	.30	: .31
Lavender Flowers, ordinary	D	.38	: .50	Musk, pods, carbazine, tins	D		: .02	Redwood, yellow, bags	D		: .37
Selected	D	.36	: .57	Tonquin tins	D	24.00	: 26.00	PAPRIKA, bags	D	.18%	: .25%
Leeches tube	Per 100	3.00	: 3.25	Grain Cab tins	D		: .02	Pareira Brava Root, bags	D	.11	: .13
Lemon Peel, bags	D	.07%	: .08	Tonquin tins	D	36.00	: 44.00	Parsley Seed, bags	D	.15	: .17
Licorice Root, Russian whole bld	D	.12	: .13	Synthetic, see Chemicals	D			Patchouli, Leaves bales	D	.19	: .20
Spanish, natural bales	D	.05%	: .07	Musk Root, Russian bgs.	D	.70	: .72	Pellitory Root, bales	D	.15	: .16
Powdered, bbls	D	.08%	: .10%	Mustard Seed Bari brown bags	D	.11%	: .12	Pennsylvanian Herb 100 lb bgs	D	.08	: .09
Selected, 2 & 5 lb bundles	D	.13	: .16	Bombay, brown bags	D	.07%	: .08	Leaves, 100 lb. bgs	D	.20	: .21
Cuttings 125 lb bags	D	.06%	: .07	California, brown bags	D	.09%	: .10%	Pepper black, Sing bags	D	.30	: .32
Turkish, 150 lb bales	D	.05	: .06	Yellow bags	D		: .11%	White bags	D	.34	: .34%
Time Juice, clarified bbls	gal	.60	: .65	Chinese, yellow bags	D	.05%	: .06%	Aleppy bags	D	.24%	: .25
Linden Flowers with Leaves, bales	D	.11%	: .12	English Yellow bags	D	.13	: .13%	Lempong bags	D	.24%	: .25
Without Leaves, bales	D	.21	: .25	Dutch, yellow bags	D	.12%	: .13	Tellecherry, bags	D	.29	: .30%
Lobelia Herb, bales	D	.36	: .40	Danish, yellow bags	D	.08%	: .09	Muntok, bags	D	.35%	: .36
Seed, bags	D	.40	: .70	Myrrh Gum, select, 200 lb cs	D	.24	: .27	Red Chillies Japan No. 1, bgs	D	.14	: .14%
Lorain Root, Imported bags	D	.18	: .25	Sorts, cases	D	.20	: .24	Mombasa, bags	D	.10%	: .10%
Lupulin, N.F. tins	D	1.70	: 1.75	NUTGALLS, Chinese, bags	D	.17	: .18	Capeicum Bombay bags	D	.09%	: .10
Bands, No. 1 cases	D	1.00	: 1.05	Aleppy bags	D	.24	: .25	Peppermint leaves, imp., bales	D		: .50
Lycopodium, 88 lb cs	D	.90	: 1.00	Powd. bags	D	.23	: .24	Domestic	D	.24	: .40
MACE, Siaw, No. 1	D	1.02	: 1.03	Nutmegs, 110s cases	D	.49	: .50	Herb bld	D	.18	: .20
Bands, No. 1, cases	D	1.10	: 1.12	75s, 80s, cases	D	.53	: .53%	Peru Balsam, see Balsams	D		
Batavia, No. 2 cases	D	.86	: .86%	Grinding, bags	D	.48	: .49	Pitch Leaves, bags	D	.16	: .18
West India, cases	D	.93	: .94	Nux-Vomica Buttons, bags	D	.04%	: .06	Pimento Select, bags	D	.14%	: .15
Malva Flowers, blue bales	D	.45	: .50	Powdered, 200 lb bbls	D	.07%	: .10	Pink root, true bags	D	.60	: .67
Black, bales	D	.65	: .70	BAK BARK, red bags	D	.04%	: .05%	Rich, Burgundy, see Burgundy Pitch	D		
Manaca Root, bales	D	.16	: .20	White, bags	D	.08	: .07	Plantain Leaves, bales	D		: .12
Manna, large flake cases	D	.60	: .64	Gilbanum Gum, Sift 280 lb cases	D	.10	: .11	Pleurisy Root, bags	D	.19	: .20
Small flake cases	D	.52	: .54	Tears	D			Poke Berries, bags	D	.15	: .17
Sorts, cases	D		: .30	No. 1, all white 280 lb	D			Root,	D	.09	: .10
Mandrake Root, bags	D	.12	: .14	cases	D	.22	: .24	Pomegranate Bark, of root bags	D		: .30
Marjoram Leaves, German bales	D	.47	: .49	No. 2, 280 lb cases	D	.17	: .18	Of Fruit bags	D		: .23
African, bales	D		: .49	No. 3, 280 lb cs	D	.11	: .13	Of Tree	D	.23	: .25
				Opium, gum, USP, cases	D	12.00	: 13.00	Poppy Flowers, red bags	D	.60	: .65
				Granular, cases	D	13.00	: 14.00	Head	D	.43	: .45



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Crude Drugs

Poppy Seed, Dutch bags	lb	.15 1/4	.18 1/4	Savory Leaves, bales	lb	.09	.09 1/2	Spruce Gum, boxes	lb	1.00	1.10
German bags	lb	.09 1/4	.10	Saw Palmetto Berries bags	lb	..	.50	Squaw Vine, bales	lb	.18 1/4	.19
Turkish bags	lb	.08 1/4	.09 1/4	Scammony Resin, boxes	lb	1.35	1.50	Squills, white	lb	.05 1/4	.05 3/4
Blue Indian, bags	lb	.10 1/4	.11 1/4	Root bags	lb	.07 1/4	.08 1/4	Powdered bulk	lb	.12	.16
White Indian bags	lb	..	..	Senega Root, bags	lb	.67	.68	Stavesacre Seed bags	lb	.24	.25
Prickly Ash, Bark, Southern, bags	lb	.14	.15	SENNA, Alex 150 lb cases	lb	.22	.23	Sticklac, 250 lb bales	lb	..	.20
Northern bags	lb	.18	.20	Half Leaf, 150 lb cases	lb	.13	.15	Stillingsia Root, bags	lb	.11	.12
Borris bags	lb	.16	.17	Siftings, 400 lb bales	lb	.11	.12	Stone Root, bags	lb	.09	.10
Pinet's Pine, bales	lb	.16	.17	Powdered, 200 lb bbls	lb	.13	.14	St. Ignatius Beans, bags	lb	.13	.14
Pulastilla Herb, bags	lb	.11	.12	Tinnerelly, Bold, 350 lb bbls	lb	.12 1/4	.14	St. John's Bread bags	lb	..	.07 1/4
Pumpkin Seed, bags	lb	.17	.19	Medium Leaf bbls	lb	.10	.11	Stramonium Leaves, bales	lb	.13 1/4	.14
QUASSIA CHIPS, bags	lb	.06 1/4	.08	Small Leaf	lb	.07	.08	Seed bags	lb	.08	.09
Quebracho, blk., 125 lb bla	lb	..	.55	Powdered, 200 lb bbls	lb	.10	.12	Strophanthus Seed, Hispidus	lb	..	..
Queen of the Meadow Herb	lb	..	.07 1/4	Pods, 350 lb bales	lb	.12 1/4	.15	Kombe bags	lb	1.10	nom.
Root, bgs.,	lb	..	.08 1/4	Serpentaria Root, bags	lb	.80	.85	Styrax, liquid artif.	lb	.35	.40
Quince Seed, bags	lb	.75	.80	Shellac, D. C. bags	lb	.65	.66	Gen. USF	lb	.35	.45
Cape bgr.	lb	.85	.90	V. S. O. bags	lb	.65	.66	Sunflower Seed, domestic bags	lb	.05 1/4	.08
RAPE SEED, South Amer., bags	lb	.06	.07	Diamond 1 bags	lb	.65	.66	South American, bags	lb	.08	.08 1/4
Dutch, bags	lb	.06 1/4	.08 1/4	Superfine, Orange bags	lb	.37	.38	TAGALDER BARK, bags	lb	.05	.06
Japanese small bags	lb	.07 1/4	.08	Fine, bags	lb	.36	.37	Tamarinds, bbls	lb	.06 1/4	.07
Raspberries, dried bbls	lb	1.45	1.50	T. N. bags	lb	.32	.33	Kegs	per keg	3.75	3.80
Red Saunders, bags	lb	.08 1/4	.09	Garnet, A. C.	lb	.34 1/4	.36	Tansy Herb, bales	lb	.13	.14
Rhatany Root bags	lb	.11	.12	Button bags	lb	.72	.75	Tar, Barbadoes, 50 gal bbls	lb	1.40	1.45
RHUBARB, Root H.D. cases	lb	.35	.40	Bone Dry, bbls	lb	.40	.42	Thus Gum, 280 lb bbls	lb	.11 1/4	.13
Powd., bbls	lb	.40	.42	Sideritis Herb, cut bags	lb	.15	.18	Tilla, see Linden			
Rosemary Leaves bales	lb	.05 1/4	.10	Simaruba Bark, bales	lb	.08	.09	Thyme, Spanish bales	lb	.08 1/4	.09
Flowers, cases bales	lb	.35	.40	Skullcap Leaves, Eastern bales	lb	.42	.43	French, bales	lb	.08 1/4	.09
Rose Petals pale	lb	.24	.28	Western bales	lb	.24	.26	Tolu Balsam, see Balsams			
Red	lb	1.75	2.25	Skunk Cabbage Root, bales	lb	.13	.16	Tonga Bark, bags	lb	..	nom.
Rue Herb, bales	lb	.18	.20	Snake Root, Canada, natural bags	lb	.29	.32	Root bbs	lb	..	nom.
SABADILLA SEED, bags	lb	.22	.25	Stripped bags	lb	.65	.70	Vine bbs	lb	1.25	1.30
Powdered bbls	lb	.28	.30	SOAP BARK, whole, 150-200 lb	lb	.10	.12	Tonka Beans, Angostura, cases	lb	2.00	2.10
Saffron Flowers Amer bales	lb	.45	.50	bales	lb	..	..	Para, cases	lb	..	..
Valencia, 1 lb cans	lb	25.00	26.00	Cut, 125-175 lb bags	lb	.09 1/4	.11	Surinam, cases	lb	.85	.90
Sage, Dalmatian bales	lb	.05	.05 1/4	Crushed 200 lb bbls	lb	..	.11	Tragacanth Gum, No. 1 ribbon	lb	1.65	1.70
Greek, bales	lb	.02 1/4	.03 1/4	Powdered, bgs bbls	lb	.12 1/4	.14	No. 2	lb	1.35	1.55
Spanish bales	lb	.03	.03 1/4	Peppermint Leaves, American bales	lb	.24	.25	No. 3	lb	1.30	1.40
Sandalwood, chips, bags	lb	.15 1/4	.16	Herb, bales	lb	..	.17	Powdered, 50 lb boxes	lb	.90	1.00
Ground, bags	lb	.21	.22	Spermaceti, blocks, cakes cases	lb	.38	.42	Turkish, cases	lb	.45	.90
Sandara Gum, 300 lb bbls	lb	.34	.36	Domestic	lb	.41	.43				
Sarsaparilla Root, Honduras, bales	lb	.64	.70	Spikenard Root, bags	lb	.15	.17				
Mexican	lb	.28	nom.								
Massarfas Bark, ordinary bales	lb	..	1*								
Select, bales	lb	.28	.29								



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Essential Oils

Turneric Root, Madras bags	D	.07%	.07%
Aleppy bags	D	.08%	.10
Powdered	D	.13	.14
China, bags	D	.09	.09%
Turpentine, Venice true 80 lb c	D	.28	.33
Artificial, 80 lb cases	D	.19	.30
Spirits, see Naval Stores			
UNICORN ROOT, false, see Helenias			
True, see Aletris			
Uva Ursi Leaves, bales	D	.05	.05%
VALERIAN ROOT, Belgian bags	D	.48	.50
USP.	D		.30
Vanilla Beans Mex., whole case	D	6.75	10.00
Cuts, cases	D		4.00
Bourbon, cases	D	3.75	4.00
South American, cases	D	3.25	3.75
Tahiti, yellow label cases	D	2.50	2.75
Green Label, cases	D		
Vetiver Root, 100 lb bags	D	.25	.26
Violet Flowers, bags	D	.70	.72
WANGS BARK, of root bags	D	.68	.70
Of Tree, bags	D	.30	.32
White Pine Bark, rounded, bags	D	.07	.07%
White Poplar Bark, bags	D	.06	.07
Wild Cherry Bark, thin green			
Rounded, bales	D	.12	.13
Thick Rounded, bales	D	.06%	.07
Thin Natural, bales	D	.07%	.08
Thick Natural, bales	D	.06%	.10
Willow bark, bags	D		.07
White, bags	D		.15
Witch Hazel Bark, bgs	D	.06%	.08
Leaves, bales	D	.08	.09
Worm Seed, American bags	D	.19	.25
Lavani, bags	D	3.25	3.50
Wormwood Herb, imported bales	D		.10
Yacca Gum, red	D	.03%	.04
Ground	D	.06	.06%
Yellow Root (Zanthoxia) bgs	D	.16	.17
YELLOW DOCK ROOT, bags	D	.10%	.11
Yellow Parilla Root, bags	D	.16	.17
Yerba Mate bags	D	.22	.30
Yerba santa, bags	D	.09%	.10
Zedoary Root, bags	D	.06	.08

Essential Oils

Almond, Bitter, USP, 5 lb bot	D	3.00	3.25
Bitter ff PA 5 lb bots	D	3.15	3.35
Sweet, 56 lb cans	D	.95	1.00
Amber, crude 25 lb tins	D	.35	.60
Rectified, 25 lb tins	D	.75	.82
Angelica Root, 1 lb bot	D	25.00	30.00
Anise Tech., 66 lb case	D	.85	.88
USP, 80 lb cans	D	.87%	.70
Apricot, Kernel 50 lb cans	D	.60	.70
Bay, 25 lb tins	D	2.15	2.25
Terpeneless	D	6.00	6.50
Bergamot, 25 lb coppers	D	7.50	8.00
Terpeneless	D	10.00	14.00
Artificial, 25 lb cans	D	2.50	3.25
Birch Tar, rect., 5 lb bot	D	.50	.60
Crude, 50 lb tins	D	.20	.25
Bois de Rose, tins	D	3.00	3.50
Cade, 25 lb cans	D	.26	.27
Cajuput native 50 lb tins	D	.70	.75
Calamus, 5 lb bot	D	3.50	3.75
Camphor, Sassy 1,000 lb drs	D	.14%	.16%
White 1,000 lb drs	D	.11%	.12
Cans, 50 lbs	D	.14	.14%
Cananga, Native, 25 lbs	D	3.20	3.25
Rectified, 25 lb tins	D	3.50	3.65
Caraway, USP.	D	1.50	1.70
Cardamom, USP, 1 lb bot	D	30.00	32.00
Carrol, 5 lb bot	D	5.25	5.75
Cascarilla, USP, 1 lb bot	D	50.00	52.00
CASSIA, 80-85% 400 lb drs	D	2.25	2.30
Redistilled USP, 50 lb cans	D	2.75	2.80
Cedar Leaf, 50 lb tins	D	.85	.95
Cedar Wood, light, 1,000 lb drs	D	.25	.27
Celery, 1 lb bot	D	9.50	10.00
Chaulmoogra, 80 lb cases	D	.85	.90
Cinnamon Ceylon, 1 lb bot	D	10.50	11.00
Leaf, 5 lb bot	D	1.40	1.50

CITRONELLA, Ceylon

1,000 lb drums	D	.45	.47
50 lb tins	D	.47	.49
Java, 400 lb drums	D	.75	.80
50 lb tins	D	.85	.90
Cloves, USP, 50 lb cans	D	1.85	2.00
6 lb bot	D	1.90	1.95
Copaiba	D	.40	.45
Coriander, USP, 1 lb bot	D	6.75	8.00
Croton, USP, 25 lb tins	D	.90	1.00
Cubeba, USP, 5 lb bot	D	4.40	4.50
Cumin, 1 lb bot	D	9.00	10.50
Dill, 25 lb cans	D	4.00	4.25
Erigeron 20 lb tins	D	6.25	6.50
EUCALYPTUS, Austral. USP.			
56 lb c	D	.53	.54
500 lb drums	D	.52	.53
and 1 lb tins	D	.80	.85
Geranium, African 25 lb cans	D	3.25	3.50
Bourbon, 25 lb tins	D	3.00	3.30
rich 25 lb tins	D	3.25	3.50
Ginger, 1 lb bot	D	8.50	9.25
1 lb tins	D	2.50	2.75
Hemlock, 25 lb tins	D	.85	.95
Juniper Berries, USP., 25 lb tins	D	2.75	4.50
Wood, 50 lb tins	D	.50	.70
Lavender USP, 28 lb tins	D	4.75	5.00
Spike Spanish, 50 lb cans	D	1.10	1.50
LEMON, Ital., USP., 25 lb cans	D	2.60	2.90
Terpeneless	D	18.00	22.00
American, USP, 25 cans	D	2.60	2.90
Lemongrass, native 50 lb cans	D	1.10	1.30
Limes, expressed, 25 lb tins	D	8.50	9.00
Distilled, 25 lb tins	D	6.00	6.50
Linaloe Mex., 80 lb cases	D	2.90	3.25
Mace, distilled, 50 lb tins	D	1.75	1.80
Mirbane, ref., Aromatic Chemicals			
Mustard, USP, 1 lb bot	D	14.00	14.25
Artif., USP, 5 lb bot	D	2.10	2.25
Neroli, Bigarade 1/2 & 1 lb bot	D	75.00	100.00
Petals, 1 lb bot	D	100.00	125.00
Artificial, 1 lb bot	D	10.00	20.00

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Nutmeg, USP, 25 lb tins lb	1.75	1.80	Vetivert, Bourbon, 10 bot lb	18.00	20.00	Linalool, From Bois de Rose 5 lb bot	...	5.00
Orange, bitter, 25 lb tins lb	2.70	2.85	Indian, 1 lb bot lb	30.00	40.00	Menthhol, 60 lb cases lb	5.65	5.75
Sweet W Ind 25 lb tins lb	2.75	2.80	Java, 1 lb bot lb	20.00	22.00	less cases, 5 lb cans lb	5.80	5.85
Italian 25 lb cop lb	3.15	3.20	Wine, heavy, 1 lb bot lb	...	1.50	Rhodinol, 1 lb bot lb	16.00	20.00
American 25 lb tins lb	2.90	3.00	WINTERGREEN			Extra, 1 lb bot lb	35.00	42.00
Distilled, 25 lb tins lb	1.75	1.85	Sweet beh., 25 lb tins lb	3.00	4.50	SAFROL, drums lb	.30	.31
Spanish 25 lb tins lb	...	3.60	Southern, 25 lb tins lb	1.85	2.00	60 lb cans lb	.32	.33
Origanum, 50 lb cans tech. lb	.25	.28	Gaultheria, true 25 lb tins .. lb	7.00	8.00	Thymol, USP, 25 lb tins lb	4.25	4.50
Parsley, 1 lb bot lb	6.50	8.50	Southern, 25 lb tins lb	3.75	4.00	SYNTHETIC AROMATICS		
Patchouli, 5 lb bot lb	6.25	6.50	Synthetic, see Methyl Salicylate			Acetophenone, CP, 1 lb bot lb	3.50	3.75
Pennyroyal, dom., 25 lb tins lb	2.50	2.75	Wormseed, Balt., USP., 25 lb tins lb	5.75	6.00	Aldehyde, C-8 (Octyl) 1 lb bot lb	45.00	60.00
Imported, 25 lb tins lb	2.40	2.60	Wormwood, dom., 25 lb tins .. lb	7.00	7.30	C-9 (Nonyl), 1 lb bot lb	70.00	75.00
PEPPERMINT , nat 60 lb case lb	15.00	15.25	Ylang Ylang Bourbon 10 lb tins			C-10 (Decyl) 1 lb bot lb	50.00	58.00
drums lb	14.50	nom.	No 1 lb	8.00	9.00	C-12 (Dodecyl), 1 lb bot .. lb	27.50	32.50
Redia, USP, 60 lb cases lb	16.00	16.25	No 2 lb	6.00	7.00	C-14, 1 lb bot lb	22.50	25.00
Petit Grain, S.A. 25 lb tins .. lb	2.25	2.40	Manila, 1 lb bot lb	35.00	40.00	C-16, 1 lb bot lb	70.00	80.00
French, 1 lb bot lb	6.50	7.00	OLEORESINS			Auhepine, see Anisic Aldehyde		
Italian 25 lb tins lb	2.20	2.30	Aspidium, USP, bot and tins lb	2.00	2.25	Amyl Acetate, pure 5 gal cans gal	4.75	5.50
Pimento, 25 lb tins lb	4.85	5.00	Capsicum, USP, bot and tins lb	2.00	2.25	Butyrate, 1 lb bot lb	2.00	2.25
Pinus Sylvestris 25 lb tins lb	1.40	1.75	Cubeb, USP, bot. and tins .. lb	3.50	3.75	Cinnamate, 1 lb bot lb	5.00	5.25
Pumilio, USP, 25 lb tins lb	2.25	2.50	Ginger, bot and tins lb	3.50	3.75	Formate 1 lb bot lb	2.00	2.25
Rosa, Fr., 8, 16, & 32 oz pkgs .. oz	9.00	9.50	Malefern, See Aspidium			Phenyl Acetate, 1 lb bot lb	4.50	5.00
Bulg., 8, 16, & 23 oz pkgs .. oz	10.25	13.00	Orris, bot. and tins lb	15.00	18.00	SALICYLATE , dom. 100 lb		
Artificial, 1 lb bot lb	2.00	2.75	Pepper black USP, bot. and tins lb	4.50	4.75	clys lb	1.25	1.30
Rosemary, USP, 27 1/2 lb tins .. lb	47 1/2	52 1/2	Vanilla, bot. and tins lb	9.50	12.75	Imported lb	2.25	2.50
1000 drums lb	.45	.47	Aromatic Chemicals			Valerate, 5 lb bot lb	2.75	3.00
Tech., 27 1/2 lb tins lb	.37 1/2	.38	NATURAL DERIVATIVES			Anisic Aldehyde 1 lb bot. lb	3.25	3.50
Rue, 1 lb bot lb	...	4.00	Anethol, 2 lb bot lb	1.40	1.75	BENZALDEHYDE USP 40 lb clys lb	1.25	1.35
Sandalwood E Ind USP, 100 lb			Borneol, 1 lb bot lb	2.50	2.60	FFC., 40 lb clys lb	1.60	1.75
Case lb	7.10	7.25	CITRAL, 25 lb cans lb	2.75	3.00	Imported, USP, lb	...	1.40
W. Indian (Amayris) 25 lb tins lb	1.85	2.00	Citronellal 1 lb bot lb	2.50	3.00	Benzoin Ether, See Ethyl Benzoate		
Sassafras, USP, 50 lb cans .. lb	.80	.85	EUCALYPTOL, USP, 50 lb cans lb	1.00	1.10	Benzophenone 1 lb bot lb	4.50	5.00
Artificial, 1000 lb drw., 60-lb cans lb	.27	.29	Eugenol, USP, 25 lb cans lb	2.75	3.00	Benzyl Acetate 100 lb clys .. lb	1.25	1.30
Savin, 50 lb tins lb	2.00	2.15	Geraniol, Domestic, 50 lb cans lb	3.00	3.25	Alcohol, 5 lb bot lb	1.25	1.35
Spearment, USP, 50 lb tins .. lb	7.50	8.50	Imported, 5 lb bot lb	3.25	3.50	BENZOATE 5 lb bot lb	1.25	1.35
Sprouce, 50 lb tins lb	.85	.87	Iso-Eugenol 1 lb bot lb	4.25	4.50	Medicinal FFC lb	1.45	1.60
Tansy, Amer., 20 lb tins lb	6.50	7.50	Imported	3.85	3.90	Butyrate, C.P. 1 lb bot lb	4.00	4.50
Tar, 50 gal bbls gal	.25	.30				Cinnamate 1 lb bot lb	9.50	9.75
U.S.P. 50 gal bbls gal	...	.75				Formate, 1 lb bot lb	3.00	3.25
Thyme, red, USP, 25 lb tins .. lb	.80	.85						
White, USP, 25 lb tins lb	.95	1.00						
Tech., 110 lb drums lb	.65	.70						

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Bornylol, 25 lb cases	4.25	4.75
Butyl Anthranilate 1 lb bot dom	...	16.00
Butyric Ether, See Ethyl Butyrate		
Cinnamic Acid, 5 lb cans	3.25	3.50
Alcohol, liquid 1 lb bot	4.80	5.00
Crystallizable	7.00	8.00
Aldehyde	3.00	3.20
CITRONELLOL, 1 lb bot	6.50	7.50
Imported, 1 lb bot	7.75	9.00
Citronally Acetate, 1 lb bot	13.00	14.00
COUMARIN, 25 lb cans	3.10	3.25
DIETHYL PHTHALATE, See Chemicals		
Diphenyl oxide, 25 lb tins	1.15	1.25
Ethyl Acetate, pure, 5 lb bot	.45	.50
Benzoate, 5 lb bot	1.75	1.90
Butyrate, 5 lb bot	2.00	2.20
Caproate, 1 lb bot	3.25	3.50
Cinnamate, 1 lb bot	3.50	3.75
Formate, 5 lb bot	1.00	1.25
Ethyl-methyl Paracresol, 1 lb bot	3.25	3.50
Ethyl Phenylacetate, 5 lb bot	3.75	4.00
Propionate, 1 lb bot	2.00	2.25
Valerate, 5 lb bot	...	3.75
Salicylate, 5 lb bot	2.00	2.10
Formic Ether, See Ethyl Formate		
Geranyl Acetate, 1 lb bot	4.50	5.00
Butyrate, 1 lb bot	13.00	13.50
Formate, 1 lb bot	12.00	12.50
Heliotropin, dom., 100-10 lbs	1.65	1.75
Imported	2.00	2.25
Hydroxycitronellal, 1 lb bot	10.00	12.00
Indol, C.P. 1 oz bot	3.50	4.00
Ionone, 1 lb bot. 100%	6.75	7.00
Alpha	7.50	10.00
Beta	8.00	8.50
Methyl	9.50	10.00
Isobutyl Benzoate 5 lb bot	2.75	3.00

Iso-Safrol 1 lb bot imp	3.75	4.00
Domestic 5 lb bot	3.50	3.75
Linalyl Acetate, 1 lb bot	8.00	9.50
Benzoate, 1 lb bot	13.00	14.00
Formate, 5 lb bot	10.50	12.00
Methyl Acetophenone	3.75	4.00
ANTHRANILATE dom., 1 lb bot	2.50	3.25
Imported	2.50	3.00
Benzoate, 5 lb bot import	2.00	2.25
Domestic, 5 lb bot	1.75	2.00
Cinnamate, 1 lb bot	3.75	4.25
Heptenone, 1 lb bot	8.00	8.50
Paracresol, 1 lb bot	8.00	9.00
Phenylacetate 5 lb bot dom	3.75	4.00
SALICYLATE, USP, 500 lb drums	...	.88
50 lb cases	...	.40
Mirbane, rect., 1000 lb drums	.10	.12
Musk Ambrette, 1 lb cans	7.50	8.00
Ketone, 1 lb cans	10.00	11.00
Xylene 5 lb cans	2.70	3.25
Nerolin, 1 lb cans	1.60	1.80
Geraniol Ether, 1 lb bot	2.25	2.30
Para-Cymene, Ref'd., 110 gal drs gal	2.25	2.50
Phenylacetaldehyde, Dom., 1 lb. bot 50 pe	8.00	8.50
Imported, 50 p.e.	7.00	7.50
80-85 pe	13.00	15.00
Phenylacetic Acid, 1 lb bot	3.00	3.25
Phenyl Diacetate, 1 oz bot	3.25	3.50
1 lb bot	8.00	10.00
Imported	7.00	7.75
Phenylethyl Alcohol, 1 lb bot	6.00	7.00
Phenylethyl Butyrate 1 lb bot	26.00	28.00
Formate, 1 lb bot	19.00	21.00
Propionate, 1 lb bot	20.00	24.00
Valerate 1 lb bot	25.00	29.00
Phenylpropylalcohol, 1 lb bot	15.00	16.00
Skatol, 1 oz bot	4.50	7.00
Terpinyl Acetate 25 lb cans	1.25	1.35
Imported, 25 lb cans	1.25	1.35

TERPINEOL, CP., 1000 lb dr	.30	.32
Cans, 50 lb	.32	.35
Absolute, 25 lb cans	.50	.60
Imported, 25 lb cans	.36	.38
VANILLIN, USP, 500 oz cans	...	.49
Cans, 16 oz., 80 oz	.50	.51
Second Hands	.45	.48
Valerianic Ether, See Ethyl Valerate		
Yara Yara, 1 lb cans	1.50	1.60
PERFUMERS' SUNDRIES		
Almond Meal, 25 lb cans	.24	.25
Amber, liquid 400 lb drs	2.20	2.30
Ambergris, black bxs	18.00	20.00
Gray bxs	30.00	35.00
Balsam Copaliba, Para, 80 lb cases	.42	.45
South American, 80 lb cases	.47	.49
Peru, 120 lb cases	1.80	1.90
Tolu, 90 lb cases	1.15	1.20
Benzoin Gum, Siam, bxs	1.10	1.45
Castoreum, 1 lb bot	...	12.00
Chalk, precip., light, 175 lb bbls	.04	.05
Cherry Laurel Water, 5 gal cans gal	1.15	1.25
Civet Abyssin horns	2.10	2.25
Labdanum, 5 lb bot	7.50	8.00
Lanolin anhydrous, 350 lb bbls	.15	.21
Anhydrous, 350 lb bbls	.18	.23
Musk pods, Carbadine, tins	...	...
Toouquin, tins	24.00	26.00
Grains, Cabardine, tins	...	...
Toouquin, tins	36.00	44.00
Synthetic, See Aromatic Chemicals		
Orris Rt., Flor., powd bbls	.12	.13
Verona, powd. bbls	.10	.11
Petrolatum, snow white 350 lb bbls	.12	.13
Light Amber, 350 lb bbls	.04	.04
Rice Starch, 140 lb bgs	.09	.10
Rose Water, 6 2-3 gal chys	1.00	1.25
Sandalwood chips powd, bags	.35	.40
Saponin, 5 lb tins	1.15	1.30
Talc., Italian 220 lb bgs	60.00	80.00
French 220 lb bags	40.00	45.00
Domestic ref., 100 lb bags	14.00	15.00

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Imports at New York, March 22 to March 27, 1926

ACETIC ANHYDRIDE—536 carboys, H A Metz, Rotterdam

ACIDS—**Cresylic**, 10 drs., Brown Bros & Co., Liverpool; 51 drs., United Amer Lines, Rotterdam; **Diethyl Acetic**, 14 cs., 5 cks., Winthrop Chem Co., Rotterdam; **Formic**, 50 balloons, R W Greiff & Co., Rotterdam; **Lactic**, 21 brls., Intern Acceptance Bank, Hamburg; **Stearic**, 75 bgs., C R Spence & Co., Rotterdam; **Tartaric**, 25 cks., W Benkert Co., Rotterdam; 32 cks., W Neuburg, Rotterdam; 66 cks., Hinrichs Chem Corp., Rotterdam

ALBUMEN—Blood, 4 cks., A Klipstein & Co., Glasgow

ALCOHOL—Methyl, 40 drs., Kuttroff Pickhardt & Co., Rotterdam

ALUMINUM—Hydroxide Tablets, 32 cs., Gallagher & Ascher, Hamburg; Hydroxide Powder, 13 cs., Gallagher & Ascher, Hamburg

AMMONIUM—Carbonate, 20 cks., J Turner & Co., Liverpool; Muriate, 100 cks., Kuttroff Pickhardt & Co., Rotterdam; Nitrate, 271 cks., Kuttroff Pickhardt & Co., Hamburg;

1,016 bgs., Kuttroff Pickhardt & Co., Rotterdam; Persulfate, 10 cks., Schenkers Inc., Hamburg; Phosphate, 40 cks., Roessler & Hasslacher Chem Co., Antwerp; 20 bgs., Kuttroff Pickhardt & Co., Rotterdam; Rhedam, 2 cks., Order, Hamburg

AMYL—Acetate, 3 drs., Lonham & Reeve, Rotterdam

ANTIMONY—300 cs., Houlder Weir & Boyd, Shanghai; Regulus, 100 cs., Order, Hankow

ARGOLS—25 cks., W R Grace & Co., San Antonio; 143 cks., W R Grace & Co., Valparaiso

BALSAM—30 cs., Dodge & Olcott, Para

BARIUM CHLORIDE—48 cks., Th Goldschmidt Corp., Rotterdam

BARKS—3 bls., S B Penick & Co., Nassau; 3 bgs., Chen & Co., Nassau; Quillay, 86 bls., Luis Luxardo & Co., Valparaiso

BARYTES—305 cks., H Kaster, Rotterdam

BENZALDEHYDE—11 demijohns, A Klipstein & Co., Rotterdam

BLANC FIXE—2 cks., Th Goldschmidt Corp., Rotterdam

BUTYL ACETATE—1 csc., Kuttroff Pickhardt & Co., Rotterdam

CAMPHOR—138 brls., Order, Hamburg

CASEIN—2,084 bgs., Order, Buenos Aires

CHALK—1,250 bgs., Order, Antwerp; 250 bgs., L H Butcher & Co., Antwerp; 406 bgs., Chaplain & Bibbo, Hamburg; Precipitated, 300 pgs., H J Baker & Bros., Bristol

CHEMICALS—15 cks., P Ulich & Co., Hamburg; 3 cks., Fezandje & Sperrle, Hamburg; 5 cs., 40 cks., Jungmann & Co., Hamburg; 48 cks., Order, Hamburg; 180 cks., Roessler & Hasslacher Chem Co., Rotterdam; 20 cks., Roessler & Hasslacher Chem Co., Rotterdam; 180 pgs., Roessler & Hasslacher Chem Co., Rotterdam; 6 cs., Merck & Co., Rotterdam; 53 lrls., Roessler & Hasslacher Chem Co., Rotterdam; 40 drs., Mech & Metals Nat Bank, Rotterdam; 145 demijohns, 20 brls., Order, Rotterdam; 40 cks., Brown Bros & Co., Glasgow; 386 bgs., Brown Bros & Co., Glasgow; Compounds, 210 cs., Order, Genoa; Products, 3 pgs., General Dyestuff Corp., Hamburg; 15 cs., F B Vandegrift & Co., Hamburg

CHROME GREEN OXIDE—21 cks., Reichard Coulston Inc., Rotterdam

CHROMIUM OXIDE—10 kegs, J Lee Smith & Co., Glasgow

CLAY—165 cks., Milton Snedeker Corp., Rotterdam; 230 cks., H Kaster, Rotterdam; 600 bgs., Republic Stamping Co., Bristol; China, 30 cks., C T Wilson & Co., Bristol

COAL TAR DISTILLATE—12 drs., American Oil Supply Co., Liverpool; 62 drs., Order, Liverpool

COLORS—3 cks., General Dyestuff Co., Hamburg; 23 cks., Geigy Co., Hamburg; 6 cs., Order, Hamburg; 14 pgs., Carbic Color & Chem Co., Hamburg; 19 pgs., Sandoz Chem Works, Hamburg; 2 drs., Chem Nat Bank, London; 2 cks., Franklin Import & Exp Co., Hamburg; 6 cks., General Dyestuff Corp., Hamburg; 6 cks., Geigy Co., Hamburg; 2 kegs Pacific Nat Bank, Liverpool;

18 cks., General Dyestuff Corp., Rotterdam; Bronze, 12 cs., Phoenix Shing Co., Hamburg; 16 cs., J E Mandlik, Hamburg; Coal Tar, 56 cks., General Dyestuff Corp., Rotterdam;

Earth, 100 cks., C J Osborn Co., Rotterdam

DIVI DIVI—929 bgs., Eggers & Heinlein, Pampatar

DRAGONS BLOOD—5 cs., Order, London

DRUGS—30 bls., J L Hopkins & Co., Havre

EARTH—150 bgs., Reichard Coulston Inc., Lehigh; 200 bgs., Reichard Coulston Inc., Lehigh; Red, 34 cks., Reichard Coulston Inc., Bristol; 210 pgs., G Z Collins & Co., Bristol

ERGOT—56 bgs., Baldwin Universal Co., Rotterdam; 42 bgs., E R Squibb & Sons, Rotterdam; 28 bgs., Penn R R Co., Rotterdam

ETHYLENE GLYCOL—1 csc., Kuttroff Pickhardt & Co., Rotterdam

EXTRACTS—Quebracho, 10,301 bls., First Nat Bank Boston, Buenos Aires; 2,077 bgs., Guaranty Trust Co., Buenos Aires

FLOWERS—7 bls., Peek & Velsor, Marseilles; 12 bls., Peek & Velsor, Marseilles;

Caroub, 5 cs., Order, Marseilles; **Lavender**, 8 bls., Order, Marseilles; 19 bgs., Order, Marseilles

FULLERS EARTH—360 bgs., L A Salomon & Bro., London

GELATIN—101 bags, Order, Hamburg; 120 cs., Amer Exp Co., Rotterdam; 112 brls., 92 kegs, H A Sinclair, Rotterdam

GLAUBER SALTS—100 brls., H Hinrichs, Rotterdam

GLUE—139 bgs., Order, Hamburg; 200 bgs., J Dick, Hamburg; 105 bgs., Order, Rotterdam; 14 cs., 4 cts., L W Ferdinand & Co., London; Bones, 4,131 bgs., Tupman Thurlow Co., Rio Grande Do Sul

GLUESTOCK—149 bls., G S Rochford, Rotterdam

GLYCERIN—19 drs., Core & Herbert, Genoa; 20 drs., Order, Seville

GUMS—100 bgs., Order, Antwerp; Copal, 123 bgs., Toch Bros., London; 100 bgs., Mech & Metals Nat Bank, Antwerp; 651 bgs., L C Gillespie & Sons, Antwerp; 100 bgs., S Winterbourne, Antwerp; 200 bgs., A Klipstein & Co., Antwerp; 100 bgs., S Winterbourne, Antwerp; 24 bgs., Order, London; 350 bgs., L C Gillespie & Sons, Singapore; 140 bgs., Baring Bros & Co., Singapore; Damar, 256 bgs., Chem Nat Bank, Singapore; 100 cs., L C Gillespie & Sons, Singapore; 64 cs., Order, Singapore; Elemi, 107 cs., Chartered Bank of India, Australia & China, Manila; Sandarac, 29 bgs., G Willis & Sons, Casablanca; 25 brls., Order, Casablanca; Tragacanth, 38 bgs., Order, Hamburg; 126 cs., 56 bgs., Order, Antwerp;

Yacca, 449 bgs., Brown Bros & Co., Port Adelaide; 225 bgs., Order, Port Adelaide

HERBS—7 bls., American Exp Co., Hamburg; Marrube, 24 cks., Order, Algiers

HEXAMETHYLENTETRAMINE—20 cs., Kachurin Drug Co., Hamburg

HYDROSULFITE—10 drs., E Ritter, Havre

HOPS—21 cs., 7 bls., J Sonnenschein Hop Co., Hamburg; 3 bls., T Rosenwald & Co., Hamburg; 20 cs., J Sonnenschein Hop Co., Hamburg; 19 bls., S Steiner, Hamburg; 25 bls., IODINE—100 kegs, Nash Watjen & Bangs, Atlantic Fwdg Co., Hamburg

IRON OXIDE—60 brls., C J Osborn Co., Malaga; 60 brls., E M & F Waldo, Malaga; 56 brls., Reichard Coulston, Malaga; 20 cks., J A McNulty, Liverpool; 11 cks., Reichard Coulston Inc., Liverpool

IRON—Sulfide, 10 brls., Eimer & Amend, Hamburg

LAMP BLACK—50 brls., R W Greiff & Co., Antwerp

LEAD—Acetate, 19 brls., Order, Hamburg

LEAVES—38 bls., Order, Marseilles; 12 bls., J L Hopkins & Co., Marseilles; Eucalyptus, 59 bls., Order, Algiers; Henna, 2 bgs., R Meelhausen, Casablanca; Patchouli, 57 bls., Brown Bros & Co., Penang; Senna, 25 bls., Order, Colombia

LICORICE—Powder, 20 bls., Order, Marseilles

LIME TARTAR—265 bgs., C Pfizer & Co., Valencia

LITHOPONE—20 brls., E M & F Waldo, Antwerp; 40 cks., C J Osborn Co., Rotterdam

MAGNESIUM—Carbonate, 50 cs., Lo Curto & Funk, Genoa; Chloride, 184 drs., Nat Bank of Commerce, Hamburg

METHYLENE CHLORIDE—1 drum, H A Metz, Rotterdam

NEKAL—28 drs., Kuttroff Pickhardt & Co., Rotterdam

OCHRE—296 brls., Reichard Coulston Inc., Marseilles

OILS—Coconut, 1,611,667 pds., Spencer Kellogg & Sons, Manila; Cod, 75 cks., Order, St Johns; 300 cks., Kidder Peabody Acceptance Corp., St Johns; 164 cks., R Badcock & Co., St Johns; Codliver, 190 brls., E R Squibb & Sons, St Johns; 110 brls., Parke Davis & Co., St Johns; 10 brls., Fairchild Bros & Foster, St Johns; 60 brls., E R Squibb & Sons, St Johns; Haarlem, 25 cs., Biddle Purch Co., Rotterdam; Linseed, 75 brls., Chessman Elliott & Co., Rotterdam; 100 brls., McDonagh & Sons, Rotterdam; 83 drs., W Van Doorn, Rotterdam; Mustard, 30 cs., Heine & Co., Hamburg; Olive, 100 brls., Chem Nat Bank, Malaga; 100 drs., Ital Discount & Trust Co., Malaga; 100 cs., Manuel Caragol & Sons, Malaga; 200 drs., Nat City Bank, Malaga; 100 brls., Smith Wehman Oil Co., Malaga; 100 brls., J B Dewsnap & Co., Malaga; 100 brls., First Nat Bank Boston, Malaga; 100 brls., St Clair Oil Co., Malaga; 100 brls., Lekas & Drivas, Malaga; 125 cs., F H Leggett & Co., Malaga; 100 brls., Lionello Perera & Co., Malaga; 1,300 cs., F Romeo & Co., Lehigh; 100 cs., Bartolo Bendin, Lehigh; 100 cs., J Minervini, Lehigh; 300 cs., A Cavagnaro, Lehigh; 250 cs., Swinger & Hinestock, Lehigh; 300 lbs., G Matalone & Co., Lehigh; 100 cs., N Mastangels, Lehigh; 250 cs., Pepe Maisano Co., Genoa; 925 cs., J P Smith & Co., Marseilles; 222 cs., J Garneau Inc., Marseilles; 1,000 cs., F Romeo & Co., Lehigh; 100 cs., Latoracca Bros., Lehigh; 100 cs., B Siliadis & Co., Seville; 250 cs., Lekas & Drivas, Seville; 100 drs., General Olive Oil Corp., Seville; 100 brls., J B Dewsnap & Co., Seville; 100 cs., 100 drs., Elysee Olive Oil Co., Seville; 195 brls., 400 drs., 1,575 cs., Briones & Co., Seville; Olive Oil Fats, 500 brls., Order, Malaga; Palm, 4,266 tons, Order, Hamburg; 663 cs., W & A Leaman, Havre; 40 cks., Irving Bank, Burutu; 42 cks., W & A Leaman, Lagos; 28 cks., W & A Leaman, Iddo, man, Lagos; 28 cks., W & A Leaman, Trid Co., Lome; 60 brls., Order, Hamburg; 48 cks., African & Eastern Trid Co., Hamburg; 59 cks., Globe Soap Co., Rotterdam; 400 cks., Irving Bank, Akassa; 160 cks., Irving Bk., Abonema; 160 cks., Irving Bank, Burutu; 123 cks., Order, Rotterdam; Peanut, 5 brls., Lamont Corliss & Co., Rotterdam; 404 brls., H S Head, Rotterdam; Rape, 75 brls., Order, Rotterdam; Sesame, 10 cks., J E Bernard & Company, Hamburg; 75 brls., Order, Hamburg; 165 drums, J C Francesconi & Co., Rotterdam; 150 brls., Order, Hamburg; 50 drs., J C Francesconi, Rotterdam; Sulfur, 295 brls., E M Sergeant Co., Seville; 500 brls., Smith Wehman Oil Co., Seville

OILS—Essential, 1 dr., Entiche Bros., Malaga; 7 drs., A E Rittwagen, Malaga; 3 drs., Order, Valencia; 11 cs., Goldman Sachs & Co., Valencia; 14 cs., Guaranty Trust Co., Hamburg; 14 cs., Lehn & Fink, Havre; 45 cs., W J Bush & Co., London; 14 cs., G Lueders & Co., Hamburg; 3 drs., Order, Hamburg; Almond, 10 cs., Ungerer & Co., London; Aromatic, 16 cs., Order, Hamburg; Cinnamon, 2 cs., A Chris & Co., Marseilles; Eucalyptus, 28 drs., Dodge & Olcott, Melbourne; Jasmine, 1 csc., Justin DuPont, Havre; 1 csc., Heine & Co., Hamburg; Lemon, 204 cs., C L Huisking, Messina; 6 cs., C Nicita, Messina; 20 cs., Virginia Dare Co., Messina; Mint, 4 drs., Order, London; Orange, 30 cs., Barclays Bank, Kingston; 20 cs., Park Benziger & Co., Kingston; 10 cs., Gillespie & Co., Kingston; 27 cs., Order, Messina; Petit Grain, 50 cs., Equit Trust Co., Buenos Aires; 11 cs., W R Grace & Co., Buenos Aires; Pine Needle, 12 drs., Brown Bros & Co., Ham-

burg; 6 drs., Order, London; Sandalwood, 1 csc., Heine & Co., Hamburg; Valerian, 2 cs., C L Huisking, Rotterdam; Vetiver, 2 cs., Ungerer & Co., Marseilles

OSSEINE—500 bgs., Order, Marseilles

PHARMACEUTICAL PRODUCTS—5 cs., G J Wallau, Havre; 2 cs., Fraise Laboratories, Havre; 2 cs., H A Metz Lab., Havre; 13 cs., E Fougere & Co., Havre

POTASSIUM SALTS—Bicarbonate, 18 cks., Mallinckrodt Chem Works, Rotterdam; 50 kegs, Lo Curto & Funk, Rotterdam; Carbonate, 127 cks., Parsons & Pettit, Hamburg; Caustic, 244 drs., Innis Speiden & Co., Hamburg; 90 drs., Order, Hamburg; 10 drs., I M Sobin Co., Hamburg; 91 drs., Order, Rotterdam; Chlorate, 500 cks., Seaboard Nat Bk., Hamburg; 1,000 cks., Uniform Chem Products Co., Hamburg; Murate, 1,000 bgs., Potash Impgt Corp of America, Hamburg; 500 bgs., Potash Impgt Corp of America, Hamburg; 335,000 kilos, Soc des Potasses d'Alsace, Antwerp; Nitrate, 1,250 bgs., Order, Antwerp; Sulfate, 100 bgs., Potash Impgt Corp of America, Hamburg; Sulfoquayclitum, 10 cs., Heyden Chem Corp., Hamburg

ORTHOCHLORPHENOL—2 cks., Bayer Co., Rotterdam

PLASTOL—6 cs., H A Metz, Rotterdam

PROTECTOL—19 cks., General Dyestuff Corp., Hamburg

PYRIDE—5 drs., Lufham & Reeve, Rotterdam

QUICKSILVER—506 flasks, Order, Leghorn

ROCHELLE SALTS—33 cks., Garfield & Co., Hamburg

ROOT—21 bgs., 3 bls., Amer Exp Co., Hamburg; 17 bgs., Order, Hamburg; 5 bls., Peck & Velsor, Marseilles; Broom, 50 bls., H Triest & Co., Vera Cruz; Dandelion, 18 bgs., Order, Hamburg; Ipecac, 6 bgs., Fidanque Bros & Sons, Panama; Orris, 34 bls., Order, Leghorn

SACCHARIN—20 cs., G Lueders & Co., Hamburg

SAFFRON—2 cs., Order, Alicante

SAL AMMONIAC—69 cks., Hinrichs Chemical Corp., Rotterdam

SALT—250 sks., W A Hazard & Co., Liverpool; 3,400 tons, Bank of America, Almeria

SEED—Anise, 100 bgs., Archibald & Lewis, Malaga; Annatto, 50 bgs., Brown Bros & Co., Kingston; 50 bgs., Barclays Bank, Kingston; 5 bgs., J Colon San Juan; 4 bgs., E Garcia, Ponce; 10 sks., D Steengrafe, Mayaguez; 11 bgs., A Gonzalez, Aguadilla; 25 bgs., D Steengrafe, Aguadilla; Caraway, 50 bgs., Catz Amer Co., Rotterdam; 100 bgs., 100 bls., R L Friedler, Rotterdam; 300 bls., R J Ireland Jr. Co., Rotterdam; 300 bls., Archibald & Lewis, Rotterdam; 100 bgs., Catz Amer Co., Rotterdam; 100 bgs., Order, Marseilles; 4,769,525 kilos, Order, Concepcion; 2,141,667 kilos, Order, Buenos Aires; Flax, 54,062 bls., American Linseed Co., Buenos Aires; 4,322 bgs., L Dreyfus & Co., Buenos Aires; 8,520 bgs., Order, Buenos Aires; Fenugreek, 203 bgs., P H Petry & Co., Casablanca; 225 bgs., Kreutz & Co., Casablanca; 56 bgs., W Benkert Co., Casablanca; 225 bgs., Order, Casablanca; Mustard, 145 bgs., Lo Curto & Funk, London; 500 bgs., R F Downing & Co., London; 150 bgs., Irving Bank, Rotterdam; Poppy, 200 bgs., Levy & Lewis Co., Rotterdam; 100 bgs., Leghorn Trdg Co., Rotterdam; 100 bgs., C E Armstrong, Rotterdam; 100 bgs., Hardick Dean & Co., Rotterdam; 200 bgs., Order, Rotterdam; Rape, 100 bgs., R F Downing & Co., London; 200 bgs., Albert Dickinson & Co., Rotterdam; 300 bgs., G W Sheldon & Co., Rotterdam; 100 bgs., Doughten Seed Co., Rotterdam; 100 bgs., G T Gernan, Rotterdam

SHELLAC—125 bgs., Ralli Bros., Hamburg; 104 cs., C F Gerlach, Rotterdam; Garnet, 15 cs., A Hurst & Co., Hamburg; Sticklac, 109 bgs., Amsinck Sonne & Co., Singapore

SOAP—50 cs., F Martin Seville; 15 cs., Amer Exp Co., Seville; 250 cs., Chatham & Phoenix Nat Bank, Seville; 299 drs., 1,776 cs., Order, Seville

SODIUM SALTS—Acetate, 150 cks., Mech & Metals Nat Bank, Antwerp; Ferro Cyanide, 11 cs., E Dietzgen Co., Rotterdam; Silico Fluoride, 100 cks., H Sundheimer Inc., Rotterdam; Sulfate, 100 bls., C H Powell & Co., Antwerp; Sulfhydrate, 405 drs., Tubize Artif Silk Co., Rotterdam

SPONGES—10 bls., Amer Sponge & Chamois Co., Nassau; 33 bls., Cunard S S Co., Nassau; 46 bls., Lasker & Bernstein, Nassau; 19 bls., Royal Bank of Canada, Nassau; 104 bls., Nat Sponge & Chamois Co., Havana; 96 bls., Cunard S S Co., Havana; 20 pgs., Order, Havana; Clips, 100 bls., Lasker & Bernstein, Havana

TALC—450 bgs., I A Salomon & Bro., Genoa; 200 bgs., Order, Genoa

TAR—Birch, 14 drs., Order, London

TARTAR—117 bgs., Thomas & Pierson, Tarragona; 546 bgs., C Pfizer & Co., Tarragona; 55 bgs., C Pfizer & Co., Alicante

THORIUM NITRATE—25 cs., Amer Shpg Co., Hamburg

VANILLA BEANS—70 cs., P H Petry & Co., Marseilles; 21 cs., Thurston & Braidich, Southampton; 55 cs., Bank of N Y & Trust Co., Southampton; 56 cs., Bank of N Y & Trust Co., Marseilles

VENETIAN RED—100 cks., J Lee Smith & Co., Liverpool

WAX—11 bgs., Order, Palermo; Bees, 28 bgs., Irving Bank, Hamburg; 77 bls., Arkell & Douglas, London; 28 bgs., Nat Bank of Greece, Marseilles; 11 bgs., Order, Leghorn; 56 cs., Order, Rotterdam; 43 sks., Order, San Antonio; 53 sks., W R Grace & Co., Valparaiso; 82 bgs., Order, Havana; Carnauba, 112 bgs., Order, Pernambuco; Mineral, 46 bgs., Schlicmann Co., Hamburg

IMPORTS AT SAN FRANCISCO

March 13 to 20

ACID—Stearic, 50 bags, Order, Rotterdam

AGAR AGAR—3 bales, Willits & Co., Kobe

CHEMICALS—33 casks, Roessler & Hasslacher Chemical Co., Rotterdam; 95 drums, Order, Antwerp

CLAY—10 bags, Order, Rotterdam

GUMS—Copal, 90 bags, Order, Antwerp

OILS—Olive, 25 bls., The Raymond Co., Rotterdam; Perilla, 100 drums, Pacific Orient Co., Kobe; 100 drums, Mitsui Bussan Kaisha, Kobe; Soya Bean, 100 bls., Ralfour, Guthrie & Co., Dairen; 7 bls., Bank of California, N. A., Dairen

PIMENTOS—30 bags, Order, Cristobal

SEEDS—25 bags, United States Seed Co., Rotterdam; 5 bags, United Seed Co., London; Mustard, 450 bags, Anglo & London Paris National Bank, London; Hemp, 133 bags, Edw. L Eyre & Co., Kobe

SPICES—Ginger, 75 bags, Order, Cristobal

TURPENTINE—16 drums, Mailliard & Schmiedel, Acapulco; 49 cases, W P Fuller & Co., Manzanillo

ZINC SULFATE—75 casks, Order, Rotterdam

IMPORTS AT BALTIMORE

March 19 to 25

BARIUM NITRATE—73 casks, 59,387 lbs., F H Shallus Co., Hamburg

BARYTES—2,000 bgs., 444,400 lbs., Roessler & Hasslacher Chemical Co., Hamburg

BONE MEAL—607 bgs., 121,121 lbs., F H Shallus Co., Hamburg

CHALK—500 bags, 55,000 lbs., E L Bullock & Sons, New York, Antwerp

CHEMICALS—17 casks, 6,134 lbs., F H Shallus Co., Hamburg

CLAY—Burnt, 210 bags, 15 tons, Henry Reidel & Co., Liverpool

EARTH COLOR—3 casks, 1,907 lbs., Baltimore and Ohio railroad, Hamburg

GLYCERIN—20 drums, 25,047 lbs., William H Masson, Rotterdam

NITROGENOUS MATERIAL—1,750 bags, 385,418 lbs., F H Shallus Co., Rotterdam; 1,000 bags, 220,066 lbs., F H Shallus Co., Rotterdam; Manganese, 7,000 tons, United States Steel Products Co., Rio de Janeiro; 7,841 tons, Bethlehem Steel Corp., Poti; 8,000 tons, Bethlehem Steel Corp., Rio de Janeiro

POTASH—68 bls., 59,154 lbs., William H Masson, Hamburg; Carbonate, 84 casks, 66,231 lbs., Parsons & Pettit, Hamburg; Kainit, 1,000 bags, 200,948 lbs., F H Shallus Co., Hamburg; 61,946 lbs., Potash Importing Corp., Hamburg; 199,729 lbs., F H Shallus Co.,

Hamburg; 400,491 lbs., Potash Importing Corporation, Hamburg; Manure Salt, 20%, 301,618 lbs., F H Shallus Co., Hamburg; 429,233 lbs., Potash Importing Corp., Hamburg; 199,615 lbs., F H Shallus Co., Hamburg; Murate, 250 bags, 50,237 lbs., Potash Importing Corp., Hamburg; 306 bags, 69,284 lbs., Potash Importing Corp., Hamburg; 500 bags, 100,474 lbs., Potash Importing Corp., Hamburg; 250 bags, 50,237 lbs., F H Shallus Co., Hamburg; Nitrate, 140 casks, 70,092 lbs., Harshaw, Fuller & Goodwin Co., Antwerp; Sulfate, 4,000 bags, 803,792 lbs., Potash Importing Corp., Hamburg; 3,000 bags, 602,844 lbs., F H Shallus Co., Hamburg

SOAP BARK—30 bags, 3,639 lbs., John S Connor, Hamburg

SODIUM—Nitrate, 1,524 bags, 336,956 lbs., Knittroff, Pickhardt & Co., Inc., Rotterdam; Phosphate, 68 casks, 24,684 lbs., William H Masson, Antwerp

WOOL GREASE—100 bls., 45,520 lbs., Samuel Shapiro & Co., Hamburg

WOODFLOUR—3,000 bls., P L Soberski, Rotterdam; 400 bls., Order, Rotterdam

ZINC AMMONIUM CHLORIDE—106 cks., Intern Acceptance Bank, Rotterdam

IMPORTS AT PHILADELPHIA

March 17 to 24

ACID—Formic, 74 carboys, Kali Mfg Co., Hamburg; Oxalic, 20 casks, Order, Hamburg; Cresylic, 50 casks, Order, Hamburg

ARSENIC—Red, 50 casks, Order, Hamburg

BARK—20 bags, Order, Hamburg

BENZOL—1 demijohn, Atlantic Ref Co., Hamburg

CHALK—Crude, 1,000 tons, Brown Bros & Co., London

CHEMICALS—69 cases, Order, Hamburg

CHLORIDE—Magnesium, 736 drums, Brown Bros & Co., Hamburg

CHLORINATED LIME—65 cases, H. Kohnstamm Co., Liverpool

CUTTLE FISH BONES—22 bdis., Order, Bordeaux

FLUORSPAR—90 tons, cwts., Order, Manchester

GLYCERIN—20 casks, Order, Marseilles; 70 casks, Order, Marseilles; 97 casks, Order, Barcelona; 20 drums, Order, St Nazaire

IRON—Oxide, 115 bls., C J Osborn Co., Malaga; Bichloride, 25 drums, Order, Liverpool

LINSEED—17,252 bags, L Dreyfus & Co., Rosario

NAPHTHALENE—60 bls., Order, Hamburg

PALM OIL—69 casks, Order, Liverpool

QUEBRACHO EXTRACT—1,990 bags, Tradersmen's National Bank, Buenos Aires

ROOTS—27 bags, Order, Hamburg

ROSIN—150 cases, Order, Bordeaux

SOAP—Liquid, 15 bls., Order, Glasgow

SODIUM—Perchlorate, 25 casks, Order, Hamburg

STEARINE—308 bags, Atlantic Ref Co., Manchester

TALC—400 bags, Order, Bordeaux

TALLOW—641 tons, Swift & Co., Montevideo

TANKAGE—992 bags, Swift & Co., Montevideo

VANILLA—19 cases, Order, Bordeaux

WOOL GREASE—50 bls., 4th St Nat Bank, Manchester

IMPORTS AT NEW ORLEANS

March 19 to 26

BAUXITE—2,363 tons, Republic Mining Co., Georgetown

GUM—Chicle, 2,664 bales, Chicle Developing Co., Port Barrios

MAGNESITE—11,741 bags, Order, Venice

MOLASSES—362,364 gallons, Kentucky Alcohol Co., Havana; 1,139,928 gallons, American Sugar Refining Co., Tarafa; 1,623,066 gallons, Dunbar Molasses Co., Chaparra

OIL—Cresote, 8,959 tons, American Cresote Works, London

POTASH—Murate, 2,300 sacks, Order, Havre

ROSIN—80 tons, Order, Pacific Coast

SODA—Nitrate, 78 sacks, Order, Scandinavia

SALT—500 bags, Order, Liverpool

WAX—150 bags, Order, Progreso; 103 bags, Order, Genoa

IMPORTS AT BOSTON

March 20 to 27

ACID—Formic, 529 carboys, Order, Hamburg
BUTTONLAC—99 chsts., Rogers Pyatt Shellac Co., Calcutta

CASEIN—919 bags, Brown Bros., Buenos Aires; 334 bags, First National Bank, Buenos Aires

CHALK—600 bags, National City Bank, Antwerp

COLOR—Aniline, 1 cs., Order, Halifax

EXTRACT—Quebracho, 1,919 bags, First Nat. Bank, Buenos Aires

GAMBIER—146 bags, Order, Shanghai

GLAUBER SALTS—500 bags, R & H Chemical Co., Hamburg; 250 bags, Order, Hamburg

GUM—100 bags, Order, Calcutta

IRON—Oxide, 9 csks., Reichard Coulston Inc., Halifax

OIL—40 bbls., Kidder Peabody, Antwerp; Cod 35 csks., F. L. Young Co., Halifax; 200 bbls., Order, Hull

POTASH—Caustic, 100 drums, Superfos Co., Hamburg

RHODANAMMONIUM—10 csks., First Nat. Bank, Hamburg

SAL AMMONIAC—69 bbls., Order, Hamburg
SHELLAC—35 bags, Baring Bros., Calcutta; 142 chsts., Order, Calcutta

STICKLAC—314 bags, E. S. Parks Shellac Co., Singapore

TRAGASOL—10 csks., J. P. Marston Co., Halifax

WOOLGREASE—700 bbls., Brown Bros., Bremen; 20 bbls., Order, Hull

BICKNELL ADDRESSES CHEMICAL SALESMEN

Salesmen's Association of the American Chemical Industry held their first luncheon March 24, at the Lion d'Or Restaurant, New York. Forty-five members were present and listened to a discussion of the rubber situation by John W. Bicknell, vice-president of U. S. Rubber Plantations, Inc., who traced the growth of the present plantation rubber industry, from the planting of seeds of the Brazilian rubber tree in Ceylon and British East India, fifty years ago, under arrangement by Wickham, the British botanist, and discussed the Stevenson plan for alleviating the distress of rubber planters three years ago by curtailment of its production and its effect upon the rubber market culminating in recent high prices.

The growing of rubber by Americans, Mr. Bicknell said, would require great amount of capital, which would be tied up for about seven years and would employ a large number of young men for supervising the work in the tropics. Ira P. McNair was in charge of the arrangements.

Washington, D. C., March 31—Tentative regulations governing the manufacture, distribution, and use of tetraethyl lead gas and suggestions for regulations covering the sanitation of garages have been submitted by Surgeon General Cumming, of the Public Health Service, to the health officers of the various states for their consideration. These regulations, when finally adopted, will make a distinct step forward in the safeguarding of the manufacture and handling of dangerous chemicals, government officials say.

The Department of Agriculture has announced an amendment to the quarantine regulations which provide for vacuum fumigation of all forms of cotton lint, linters, and cotton samples from an infested area as a condition of interstate movement. Provision is also made for disinfection of baled cotton lint, linters, gin waste, and all other forms of cotton lint, including samples, under permit from one regulated area to another regulated area, under such safeguards as shall be required by this department.

Royal Baking Powder Co., case instigated by the Federal Trade Commission charging unfair methods of competition, has been dismissed. Announcement has also been made that the Commission will hear an argument on April 5 on the motion by the counsel of the Commission to set aside the order of dismissal, grant a rehearing on the merits, and issue a cease and desist order against the company.

During February, 856 new enterprises, each with an authorized capital of \$100,000 or more, were organized in the United States, involving an aggregate capitalization of \$2,675,185,000, a new high record for a single month in the last three years. This compares with 543 concerns having a combined authorized capital of \$431,200,300 incorporated in February, 1925.

PAINT AND VARNISH EXPORTS INCREASE

Exports of paints and varnishes increased by one-third in February to a total of \$1,562,000 while imports were one-third less and equalled only \$202,500. Nearly all the classes showed gains, figures for the leaders being, zinc oxide, \$166,600 (2,543,000 pounds) carbon black, \$354,900 (3,643,000 pounds), white lead, \$82,000 (883,000 pounds), enamel paints, \$107,000 (27400 gallons), other ready mixed paints, \$302,000 (144,000 pounds), oil varnishes, \$88,700 (47,400 gallons) and other varnishes \$58,300 (32,600 gallons).

Zinc stocks of the world aggregated 33,500 metric tons of 2204.6 lbs. each, on March 1, as against 28,300 tons Feb. 1, an increase of 5,200 tons during February, according to A. J. M. Sharpe, honorary foreign correspondent of the American Zinc Institute. Expected shortage of actual metal for British consumers did not eventuate owing to the unexpected supplies from Poland and Germany. Today's zinc market is weaker on account of the low consumption of zinc in Germany which still obtains.

Cellulose finishes for passenger cars and commercial vehicles in the British Isles has rapidly increased in popularity. It is estimated that during 1925 about 25,000 to 30,000 gallons of cellulose finish were used in the British motor car industry and the estimate for the present year places the consumption at approximately 85,000 gallons. Eventually it is expected that consumption will be on the basis of 200,000 gallons per year for finishing, and the same amount for refinishing.

W. J. Zick, sales manager of Stanco Distributors, which is the chemical division of Standard Oil Co., of New Jersey, left last Friday for a business trip of over a year. He will spend most of his time in England, but will also visit the other countries of Europe, and in fact will cover many other countries of the Eastern Hemisphere. J. G. Park will take over the sales of the alcohols during Mr. Zick's absence.

Naval stores industry in the State of Guerrero, Mexico which had begun to show a steady development in the exportation of rosin and turpentine to the West coast of the United States, has suffered a setback because of the tax levy of 10 centavos, Mexican, on each tree from which turpentine is extracted. The operating company has suspended operations according to Vice Consul Eli Taylor, Acapulco, Guerrero.

Damar gum imported in the United States during January totaled 1,639,907 lbs. valued at \$266,268. Kauri imports aggregated 879,827 lbs. worth \$178,710. Shellac imports totaled 2,380,015 lbs. valued at \$1,080,815. Most of the damar came from British Malaya, Java and Madura. The greatest portion of the shellac came from British India.

Kauri gum exports from Auckland, New Zealand, in January aggregated 379 tons, valued at £34,086. The production for February was 337 tons, according to a statement by George H. Lincks, importer. Yacca gum exports totaled 1,981 tons during 1925.

APRIL 5 LAST DATE FOR SHOALS BIDS

Washington, D. C., Mar. 22—The Joint Congressional Committee appointed to lease the Muscle Shoals property has set April 5 as a tentative deadline for receiving bids, it was announced the latter part of last week. This date was set to allow the committee sufficient time to study the various offers and prepare its report which must be submitted to Congress by April 26.

Washington, March 24—Muscle Shoals was the subject this week of inquiries from Henry Ford, the American Cyanamid Co., New York; and F. T. Hepburn, New York, all previous bidders for the property. The majority of the Congressional Committee, it was indicated, would rather negotiate with Mr. Ford than with any other of the prospective bidders. Members expressed the opinion that the original Ford offer would have been approved by Congress had he shortened the prospective lease from 100 to 50 years. The resolution under which the committee is proceeding restricts the lease to 50 years, and if Mr. Ford renews his bid on this basis, the committee probably will accept it.

Domestic chromite shipments, all containing 45% chromic oxide totaled 108 long tons, valued at \$2,105 during 1925. The production in 1925 was 157 long tons. This mineral was mined in two mines in California, one in Maryland, one in Oregon, and one in Washington. Total imports of chrome ore containing 45% of chromic oxide were 149,739 long tons, valued at \$1,207,420. The greater part of this total came from Africa and the rest from Cuba and Greece. Total imports for 1924 amounted to 118,343 long tons.

The Chicago section of the American Chemical Society has selected the Illinois Central, Frisco Line, for the meeting at Tulsa to be held April 5. A special train will be run direct from Chicago to Tulsa via St. Louis, leaving the 12th st. station, Chicago, at 11:45 A. M. Sunday, April 4, arriving in St. Louis at 6:15 P. M., leaving at 6:58 P. M. and arriving at Tulsa, Monday, at 7 A. M.

Bethlehem Steel Corp., is reported to be seeking the purchase of extensive manganese mines near Compton, in Page County, Va. It is anticipated that if these mines are sold by the Pittsburgh Manganese Co., the present owners, they will be worked on a larger scale than heretofore. The ore taken from the Compton mines shows a high percentage of manganese.

Imports of potassium nitrate aggregated 8,396 long tons of crude, and 3,950 long tons of refined during 1925. This is a very material increase over the imports of the previous year, when 689 long tons of crude and 2,035 long tons of refined were imported.

Chas. H. Lovell, a sixty-three year old chemist, has been missing from his home in Roxbury, Mass., since Jan. 1. Friends are asked to communicate any information to his niece Mrs. L. B. Tully, 27 Dean St., Roxbury, Mass.

The Italian Association of Pure and Applied Chemistry of Rome, will hold its Second National Congress, May 23 to June 2. The centenary of the birth of Stanislao Cannizzaro will be celebrated at this Congress.

Taking 1919 at 100 per cent, the index number for February for chemicals is given by the Department of Commerce at 164 as compared with 179 for January and 151 for February of last year.

FIXED NITROGEN IS 44% OF TOTAL

Dr. Frederick G. Cottrell, chairman of the Fixed Nitrogen Research Laboratory at Washington in a recent address before the Princeton Chemical Club estimated that approximately 44% of the world's nitrogen would be obtained this year by atmospheric fixation, as compared with one-fourth of that amount before the war.

Furthermore he declared "while the 10% made in this way before the war was almost wholly by the arc and cyanamid process, nearly 70% of this year's fixation will be through the direct synthesis of ammonia." Dr. Cottrell said that researches by Dr. Hugh Scott Taylor, professor of Physical Chemistry at Princeton, had furthered the knowledge of direct synthesis.

The importance of the new Haber method for preparing nitrogen, which is a national necessity for fertilizer in peace times and for explosives in time of war, was also explained by Dr. Cottrell.

Nitrogen production by the arc process is proposed in a plan to harness the latent water power existing in South Island, New Zealand. A large hydraulic plant at the head of Smith Sound on the southwest coast of the South Island, has been proposed. Construction of wharves for ocean steamers, power plants, and dwellings on a suitable flat of the 300 acres are incorporated in the plan.

British exports of alkalis suffered a decline in 1925 as compared with 1924, while the American trade, although considerably less, showed favorable increases. British exports of caustic acids aggregated 92,941 short tons in 1925 as against 105,728 tons in 1924. During the same period American shipments advanced from 46,057 to 50,477 short tons. The most important group in British alkali trade, namely sodium carbonate, including soda crystals, soda ash, and bicarbonate declined from 342,049 short tons in 1924 to 308,589 in 1925.

Salt used or sold by producers in the United States in 1924 aggregated 6,803,115 short tons or approximately 120 lbs. per capita of the population of the United States, according to the U. S. Bureau of Mines. The per capita consumption in 1923 was about 127 lbs. More than one-third of all this salt is in the form of brine and the rest is evaporated and rock salt. New York, Michigan and Ohio produce nearly 80% of the salt in the United States, Kansas, Louisiana and California practically all the rest.

Deterioration of bleaching powder has been the subject of an investigation by the Department of Agriculture, and the results have been published in Department Bulletin 1389, entitled "Deterioration of Commercially Packed Lime." The average loss of available chlorine for all samples from different sources, packed and stored in various ways, was 1.08% per month for a period of 12 to 15 months.

Exports of chemicals from Czechoslovakia to the United States, increased during 1925. Shipments of sodium cyanide, the principal item, rose from 837 to 1,216 short tons, valued at \$325,595. The 1925 shipments included 113 tons potassium carbonate, and none in 1924. Caustic potash declined from 460 tons in 1924 to 106 tons in 1925.

American Society for Testing Materials will hold their annual meeting during the week of June 21, at the Chalfonte-Haddon Hall, Atlantic City, N. J. The first session of the meeting will be held Tuesday, June 22, and the closing session, Friday evening, June 25.

Drug & Chemical Patents

Granted March 23, 1926

- 1,577,440—Process for separating hydrocarbons. Willard C. Averill, Jr. Houston, Texas.
- 1,577,450—Coated fibrous article and coating composition therefor. Charles H. Crowell, Brooklyn, N. Y.
- 1,577,461—Process of making carbon black. Otis G. Messenger, Cranford, N. J., assignor to Standard Development Co.
- 1,577,505—Liquid dispensing device. Douglass G. Tomkins, New York, N. Y., assignor to Standard Development Co.
- 1,577,534—Method and apparatus for separating or recovering a gas from a mixture of gases. Ernest B. Miller, assignor to the Silica Gel Corporation, Baltimore, Md.
- 1,577,539—Dispensing device. Alexander Hamilton Polk, Pig Point, Va.
- 1,577,573—Process of recovering oxalate from the tree barks. William Adolf Fraymouth, Bhopal, Central India, assignor to the Bhopal Produce Trust Ltd., Bhopal, Central India.
- 1,577,615—Egg beater. Harry LeRoy Emery, assignor of one-half to Earl H. Jeffries, Peoria, Ill.
- 1,577,642—Manufacture of gelatin suitable for emulsions. Alexander Jenny and Johannes Angerstein, Berlin, Germany, assignors, by mesne assignments, to American Electro-Osmosis Corp., New York, N. Y.
- 1,577,659—Method of killing microorganisms. Wilhelm Ruppel, Berlin, Germany, assignor, by mesne assignments, to American Electro-Osmosis Corp., New York, N. Y.
- 1,577,660—Process for the electroosmotic purification of glue and gelatin. Wilhelm Ruppel, Berlin, and Kung Wolf, Berlin-Charlottenburg, Germany, assignors, by mesne assignments, to American Electro-Osmotic Corp., New York, N. Y.
- 1,577,669—Process for the electroosmotic purification of saccharine juices. Kung Wolf, Berlin, and Egon Langstein, Bad Oldesloe, near Hamburg, Germany, assignors, etc., as in the preceding.
- 1,577,675—Air-cooled still. Edwin C. Ballman, St. Louis, Mo., assignor to John H. Cassidy, St. Louis, Mo.
- 1,577,679—Collapsible lid for soda fountains and the like. Thomas Dickson Bibby, assignor to the Commercial Fixture Co., Los Angeles, Cal.
- 1,577,682—Container. Michael Block, South Boston, Mass., assignor to the American Can Co., New York, N. Y.
- 1,577,703—Method of cleaning and charging air filters. John H. Fedeler, New York, N. Y.
- 1,577,723—Process of making organic-acid soap from mineral oils. Edward M. Hughes, Chester, Pa., assignor to Sun Oil Co., Philadelphia, Pa.
- 1,577,768—Tobacco denicotization. Homer W. Smith, Indianapolis, Ind.
- 1,577,797—Process of manufacturing aromatically-distributed thioureas of symmetric constitution. Walter Flemming, Breslau, Germany.
- 1,577,852—Process of separating wax from lubricating oil. Earl Petty, Winfield, Kans., assignor to the De Laval Separator Co., New York, N. Y.
- 1,577,871—Process of continuous catalytic distillation. George L. Prichard and Herbert Henderson, Port Arthur, Tex., assignor to Gulf Refining Co., Pittsburgh, Pa.
- 1,577,884—Dyeing apparatus. Henry E. Van Ness, Elmira, N. Y.
- 1,577,916—Insecticides sticker mixture. Sebastian Lomanitz, Houston, Tex.
- 1,577,922—Process of and apparatus for making cork articles. Melchor Marsa and William Jackson, Brooklyn, N. Y., assignors, by mesne assignments, to New Process Cork Co., Inc., Brooklyn, N. Y.
- 1,577,969—Beverage container. Joseph C. Hickingbotham, assignor to Shreve & Company, San Francisco, Cal.
- 1,577,988—Nursing bottle. Lester Sejarto, Linden, N. J.
- 1,578,035—Art of cracking hydrocarbon oils. Edward W. Isom, Locust Valley, N. Y., assignor to Sinclair Refining Co., New York, N. Y.
- 1,578,040—Process of distilling oils with volatile catalysts. Almer McDuffie McAfee, Port Arthur, Tex., assignor to Gulf Refining Co., Pittsburgh, Pa.
- 1,578,050—Process of distilling with aluminum chloride. Almer McDuffie McAfee, as in the preceding.
- 1,578,051—Process of improving oils. Almer McDuffie McAfee, as in the preceding.
- 1,578,052—Method of making aluminum chloride. Almer M. McAfee, etc.
- 1,578,053—Process of removing aluminum chloride residues from stills. Almer M. McAfee, etc.
- 1,578,074—Rubber toothbrush. Jermain Chandler, Toledo, Ohio.
- 1,578,077—Paste tube cap. Earl C. Courney, Oakland, Calif.
- 1,578,143—Test-bottle shaking machine. Elbert L. Leabo, Boyd, Ore.
- 1,578,150—Method of manufacturing arsenates. Domingo Lopez, St. Albans, W. Va.
- 1,578,187—Apparatus for forming emulsions of oil and water. Samuel A. Bullock, Port Washington, and Bertel T. Perry, Schenectady, N. Y.
- 1,578,220—Process for increasing sugar recovery. Rafael Vacher, Baton Rouge, La.
- 1,578,245—Process of rendering fat and oil containing solids of animal origin. William Laabs, Milwaukee, Wis., assignor to The Albright-Nell Co., Chicago, Ill.

SULFUR SHIPMENTS GAIN 320,625 TONS

Sulfur produced in the United States in 1925 amounted to 1,409,240 long tons as compared with 1,220,561 long tons in 1924. Shipments from mines in 1925 totaled 1,857,970 long tons compared with 1,537,345 tons in 1924, and were greater by 239,129 tons than the shipments in 1923, the previous year of greatest movement. As in 1924 shipments were considerably in excess of production. Stocks in the hands of producers were thus reduced from 2,700,000 long tons at the beginning of the year to 2,250,000 tons at the end of the year, the lowest level since the end of 1921, and 750,000 tons lower than those on hand at the end of 1923. The estimated value of the shipments in 1925 is \$29,000,000.

Exports of sulfur or brimstone in 1925 were the largest ever recorded, being 629,401 long tons as compared with 482,114 tons in 1924, and were 30 per cent higher than those of 1922, the previous year of highest record. Of the exports in 1925 Germany received 136,972 tons; Canada, 125,681 tons; France, 110,684 tons; and Australia, 71,530 tons. Exports of refined, sublimed, and flowers of sulfur totaled 6,381,791 lbs., of which Canada and Mexico received the major portion. The imports of sulfur were negligible.

Hinkel & Ewing Mfg. Co., Philadelphia, will move to larger quarters at 148-150 Willow st., on April 10.

OFFER TERTIARY BUTANOL COMMERCIALY

Tertiary butanol, the latest member of new products being made from petroleum as the result of chemical science, is now being offered commercially at moderate prices by Petroleum Chemical Corp., 30 Broad st., New York. This product is said to have a peculiar interest to chemists because it is an alcohol with novel properties entirely different from those with which the industry is familiar. Its organic structure offers many new and useful opportunities for synthesis of new materials, and its solvent action is noticeably different from any of the alcohols now on the market.

Dr. Robert A. Hatcher, professor of Pharmacology of the Cornell University Medical College will read a paper on "The Relation of Pharmacology to Rational Therapeutics" as a special feature of the third general session of the fifteenth annual convention of the American Drug Manufacturers Association to be held April 12 to 15 Carson P. Frailey, secretary of the association, with headquarters at Washington reports that a great deal of interest is being taken by the members this year in the forthcoming meeting.

The Second National Congress of oils, fats, resins and their derivatives, will be held at Sao Paulo, Brazil, during September, 1926.

NEW GRAY DYE FOR TEXTILES

The Dyestuffs Department of E. I. du Pont de Nemours & Co. announces an entirely new gray, known as Pontamine Light Gray 2G, a direct dyestuff for very brilliant bluish shades of gray on cotton, silk or rayon.

It is stated that its general fastness is very good and its fastness to light is exceptionally good for a direct color. It is expected to answer all of the requirements of any line of goods for which direct dyes are suitable.

It exhausts very well and dyes evenly and is, therefore, suitable for all types of machines. On the padder exceptionally even types are obtained. When dyed in a neutral bath, Pontamine Light Gray 2G leaves silk practically unstained, so that it is a useful shading color for unions and half-silk hosiery.

It discharges to a clear white with Sulfoxite C.

British Dyestuffs Corp. has been expensive to the British Government which has controlled it, according to remarks by Justice Eve in sanctioning the corporation's capital withdrawal from Government control. According to the Justice the Government received £600,000 for the British Dyestuffs Corp. for shares of stock which cost the Government £1,700,000, adding that Government control of the corporation, cost the country £1,000,000, according to a statement from the London Bureau of the Daily News Service, through the Fairchild News Service. When the shareholders of the British Dyestuffs Corp. approved the purchase of the Government's holding last December, it was said that the way was paved for a working agreement with the German dye cartel, dealings been pending for four years. The removal of Government control is stated to leave the corporation with a free hand to negotiate as a private enterprise, the only restriction being that not more than 25% of the shares be owned by foreigners.

Coke production, both beehive and by-product, amounted to 4,902,000 tons during February, according to statistics compiled by the Bureau of Mines, Department of Commerce. According to these statistics, the by-products contributed 71% and the beehive plants the remainder.

Artificial silk was the subject of a special number issued by *The Times* of London recently. The edition included articles on the viscose, acetate, nitro-cellulose, and cupra-ammonium processes. A number of articles were contributed by prominent chemists of England.

Rayon and wool manufactures declined in February and exports of both classes of goods to date this fiscal year are smaller than last year. Rayon exports last month totaled \$619,052 as compared to \$671,744 in Feb., 1925.

The Gelsenkirchner, the Deutsche Luxemburg and the Bochumverein, German steel companies, have passed their dividends, owing to the depression in German iron and steel trade, partly due to French competition.

Arthur L. Benkert, sales manager of the Noil Chemical & Color Works, was married recently to Miss Sue Curtis of Cleveland, Ohio.

John H. Clark, Jr., for some time with Zinsser & Co. and more recently with Calco Chemical Co., has been appointed sales engineer of T. Shriver & Co.

Maurice du Pont Lee, secretary of the du Pont Rayon Co., and the du Pont Cellophane Co., and Mrs. Lee are at the Princess Hotel, Bermuda.

BRISK DEMAND FOR DYES IN ITALY

Reparation Dyes Making Less Inroads on Private Producers—German Combine Prepares to Increase Sales—Dyers of Textiles, Leather, Furs and Paper Expanding—Magenta at 7,500 Lire—Naphthol Yellow at 4,500 Lire—Sulfur Black 770 Lire—Orange II 1,600 Lire

(Special to DRUG & CHEMICAL MARKETS)

Milan, Italy, March 16—War reparation dyes are offered continually to the different dyeworks and printworks. Private commerce, however, can obtain more than previously of the orders for many colors. The German dyestuff combine is preparing for increasing its sales, especially as the Italian textile industry is continually extending its volume of business. The local producers are benefiting by the situation, and quite large orders are being placed with them.

Quotations per 100 kilos are as follows: Naphthol yellow, 4,500 to 7,000 lire; auramine, 6,500 to 7,500 lire; orange II, 1,600 to 2,000 lire; nigrosine, water soluble, 3,000 to 3,800 lire; nigrosine, soluble in alcohol, 3,300 to 4,000 lire; sulfur black, 770 to 1,200 lire; acid black, 1,700 to 3,200 lire; direct black, 1,850 to 3,000 lire; chrome black, 2,500 to 3,000 lire; methylene blue, 8,200 to 9,700 lire; direct blue, 1,500 to 2,500 lire; sulfur blue, 2,000 to 4,000 lire; malachite green, 7,500 to 9,700 lire; acid green, 6,500 to 7,500 lire; direct green, 2,000 to 3,600 lire; Bismarck brown, 2,600 to 3,000 lire; magenta crystals, 7,500 to 8,600 lire; eosine, 5,500 to 8,000 lire; ponceaux, 2,400 to 3,000 lire; methyl violet, 7,000 to 8,600 lire.

Genoa, Italy, March 16—Dyers of leather, textiles, furs and paper are purchasing fair quantities of aniline colors, as their business has expanded considerably. Local merchants are making good profits. Quotations are as follows per kilo: nigrosine crystals, 32 to 40 lire; direct black, 20 to 32 lire; methylene blue, 85 to 100 lire; auramine, 67 to 77 lire; magenta crystals, 77 to 88 lire; liquid fustic extract, 7 to 7.50 lire; logwood extract, 6.50 to 7.50 lire; hematine crystals, 10 to 12 lire.

Rate of exchange today is: \$1 = 24.95 lire. 1£ = 121.50 lire.

Commodity rates on coal-tar and pitch in carload lots, from Birmingham and points grouped with that city to points in North and South Carolina, should not be cancelled, according to a decision made by the Interstate Commerce Commission, following its investigation. The proceedings have been ordered discontinued.

W. M. Wilshire has been elected president and a director of the West Virginia Coal & Coke Co., succeeding C. E. Hutchinson as president. Mr. Hutchinson continues as a director. Other directors were re-elected. Mr. Wilshire is now receiver of the Carnegie Coal Co. of Pittsburgh.

The coal distillation problem in Puertollano is of great importance, according to Commercial Attache Chas. N. Cunningham, Madrid, because some of the mines have waste coal, rich in volatile materials, which can be treated profitably. This waste is said to give in distillation as high as 200 liters of coal-tar oil per ton.

Domestic exports of finished coal-tar colors, dyes and stains during January totaled 1,552,335 pounds, valued at \$416,975, according to figures made public today by the Department of Commerce. Of the total, 739,778 lbs., valued at \$122,368, were purchased by China.

Emanuel Goldstein, vice president and director of the American Rayon Products Corp. has resigned his office.

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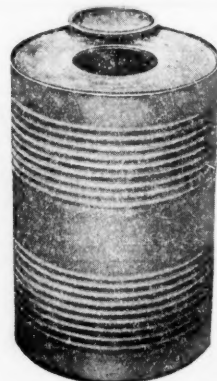
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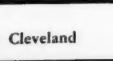
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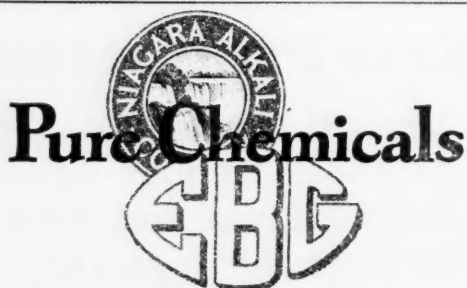
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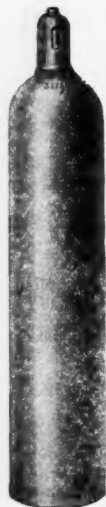
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